

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060818\
 Data File : VX002396.D
 Acq On : 08 Jun 2018 12:28
 Operator : JC/MD
 Sample : VX0608WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0608WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/11/2018 9:30:18 AM

Quant Time: Jun 08 13:15:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X052518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 25 02:17:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	40626	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	237005	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	224630	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	101584	31.78	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	105.93%
60) 4-Bromofluorobenzene	11.14	95	113556	29.53	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.43%
63) Toluene-d8	8.72	98	278927	27.86	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	92.87%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	45919	21.29	ug/l	100
3) Chloromethane	1.32	50	52776	20.57	ug/l	99
4) Vinyl Chloride	1.41	62	56891	22.29	ug/l	99
5) Bromomethane	1.64	94	33545	23.46	ug/l	99
6) Chloroethane	1.73	64	40209	26.63	ug/l	99
7) Trichlorofluoromethane	1.93	101	97320	25.00	ug/l	97
8) Diethyl Ether	2.19	74	37978	25.92	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	57425	27.39	ug/l	98
10) 1,1-Dichloroethene	2.38	96	48447	23.97	ug/l	98
11) Methyl Iodide	2.51	142	48663	15.32	ug/l	100
12) Methyl Acetate	2.78	43	75584	23.07	ug/l	99
13) Acrolein	2.29	56	24699	88.55	ug/l	99
14) Acrylonitrile	3.15	53	156222	115.90	ug/l	99
15) Acetone	2.45	58	45295	126.06	ug/l	93
16) Carbon Disulfide	2.57	76	109761	19.02	ug/l	100
17) Allyl chloride	2.73	41	98591	23.63	ug/l	92
18) Methylene Chloride	2.86	84	58562	25.78	ug/l	98
19) trans-1,2-Dichloroethene	3.17	96	51935	24.30	ug/l	97
20) Diisopropyl ether	3.87	45	179616	22.55	ug/l	93
21) 1,1-Dichloroethane	3.70	63	104067	24.54	ug/l	98
22) cis-1,2-Dichloroethene	4.60	96	53065	20.83	ug/l #	80
23) tert-Butyl Alcohol	3.06	59	75862	108.51	ug/l	100
24) Methyl tert-Butyl Ether	3.20	73	194479	24.65	ug/l	100
25) Chloroform	5.22	83	94443	21.18	ug/l	99
26) Cyclohexane	5.57	56	79697	20.42	ug/l #	96
29) 1,1-Dichloropropene	5.81	75	65943	19.89	ug/l	99
30) 2-Butanone	4.71	43	203798	88.11	ug/l	99
31) 2,2-Dichloropropane	4.59	77	69421	23.82	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	79798	18.43	ug/l	99
33) Carbon Tetrachloride	5.79	117	67600	17.18	ug/l	97
34) Benzene	6.15	78	200618	20.04	ug/l	99
35) Methacrylonitrile	5.06	41	45313	17.69	ug/l	97
36) 1,2-Dichloroethane	6.20	62	82317	21.10	ug/l	99
37) Trichloroethene	7.22	130	56546	19.91	ug/l	89
38) Methylcyclohexane	7.46	83	83396	21.56	ug/l	99
39) 1,2-Dichloropropane	7.52	63	54320	20.06	ug/l	93
40) Dibromomethane	7.67	93	37280	20.52	ug/l	99

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	65409	17.36	ug/l	98
42) Vinyl Acetate	3.82	43	849831	116.14	ug/l	100
43) Ethyl Acetate	4.86	43	78364	17.26	ug/l	98
44) Isopropyl Acetate	6.47	43	130555	17.29	ug/l	100
45) 1,4-Dioxane	7.76	88	26508	369.10	ug/l #	86
46) Methyl methacrylate	7.78	41	65891	17.24	ug/l	96
47) n-amyl Acetate	10.90	43	119203	17.16	ug/l #	90
48) t-1,3-Dichloropropene	8.44	75	77023	18.19	ug/l	98
49) cis-1,3-Dichloropropene	9.04	75	70829	17.28	ug/l	98
50) 1,1,2-Trichloroethane	9.22	97	55436	21.26	ug/l	98
51) Ethyl methacrylate	9.18	69	84145	18.63	ug/l	95
52) 1,3-Dichloropropane	9.38	76	91167	20.73	ug/l	99
53) Dibromochloromethane	9.59	129	51134	16.05	ug/l	98
54) 1,2-Dibromoethane	9.68	107	57326	20.31	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	199536	94.11	ug/l	99
56) Bromoform	10.86	173	37485	13.38	ug/l	99
58) 4-Methyl-2-Pentanone	8.65	43	420463	86.01	ug/l	99
59) 2-Hexanone	9.50	43	319723	84.29	ug/l	100
61) Tetrachloroethene	9.34	164	63713	18.60	ug/l	93
62) Toluene	8.79	91	229052	19.97	ug/l	98
64) Chlorobenzene	10.14	112	150940	20.33	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.23	131	53419	17.68	ug/l	99
66) Ethyl Benzene	10.26	91	256239	19.87	ug/l	99
67) m/p-Xylenes	10.36	106	200463	40.96	ug/l	98
68) o-Xylene	10.70	106	98716	20.14	ug/l	98
69) Styrene	10.71	104	159473	19.38	ug/l	100
70) Isopropylbenzene	11.02	105	268827	20.49	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	80663	19.61	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	79457m	20.51	ug/l	
73) Bromobenzene	11.26	156	71450	20.27	ug/l	96
74) n-propylbenzene	11.37	91	304512	20.79	ug/l	99
75) 2-Chlorotoluene	11.43	91	180664	20.00	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	227143	20.36	ug/l	100
77) t-1,4-Dichloro-2-butene	11.08	75	18985	13.53	ug/l	79
78) 4-Chlorotoluene	11.51	91	209378	20.38	ug/l	100
79) tert-butylbenzene	12.07	119	245423	20.98	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	231610	20.53	ug/l	99
81) sec-Butylbenzene	11.95	105	275849	21.09	ug/l	99
82) p-Isopropyltoluene	12.07	119	245423	20.98	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	130061	20.82	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	132230	21.27	ug/l	99
85) n-Butylbenzene	12.39	91	211840	21.59	ug/l	98
86) Hexachloroethane	12.60	117	33558	14.41	ug/l	99
87) 1,2-Dichlorobenzene	12.40	146	133580	20.76	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.01	75	16157	13.49	ug/l	99
89) 1,2,4-Trichlorobenzene	13.65	180	96652	21.15	ug/l	100
90) Hexachlorobutadiene	13.79	225	51437	21.16	ug/l	98
91) Naphthalene	13.84	128	273159	18.95	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	100163	20.99	ug/l	100

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ClientSampleId :
VX0608WBSD01

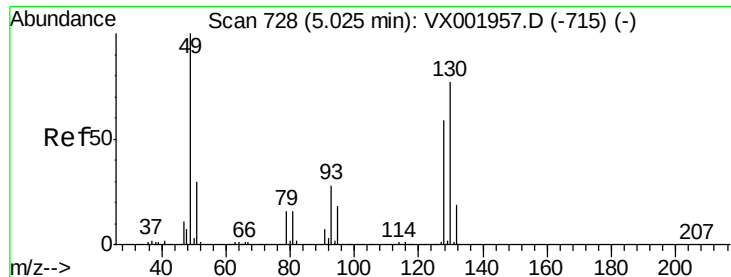
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002396.D

Acq: 08 Jun 2018 12:28

Instrument :

MSVOA_X

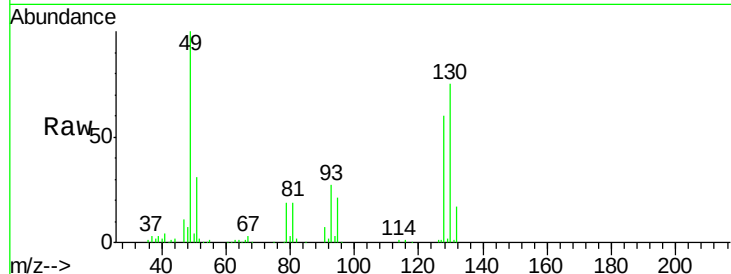
ClientSampleId :

VX0608WBSD01

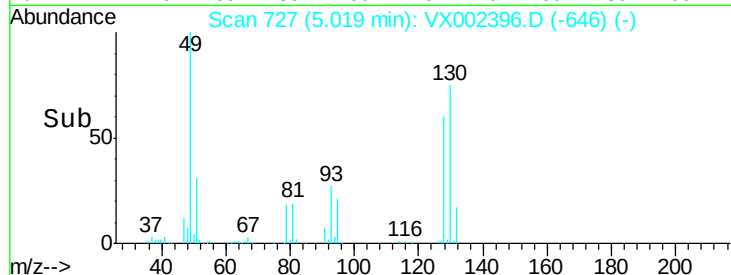
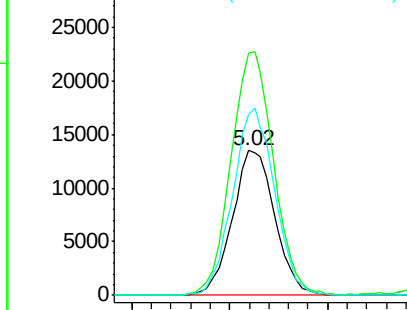
Tgt Ion:	128	Resp:	40626
Ion	Ratio	Lower	Upper
128	100		
49	168.5	0.0	423.0
130	128.3	0.0	324.3

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Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VX0
Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 21.29 ug/l

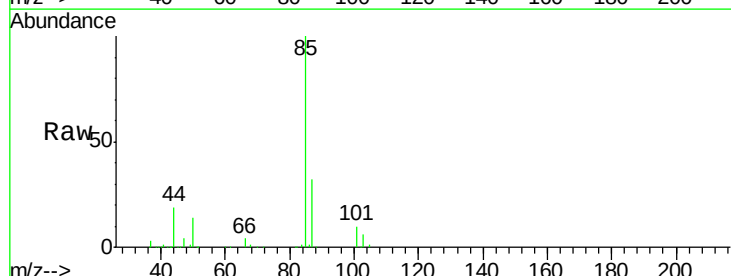
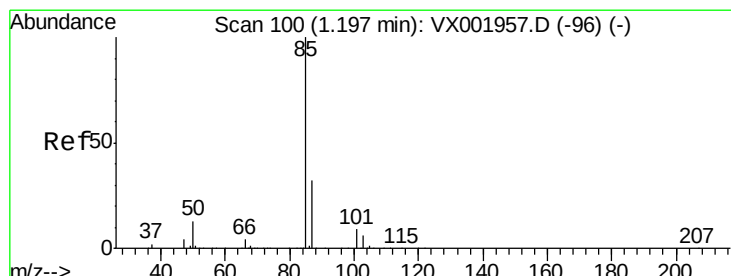
RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

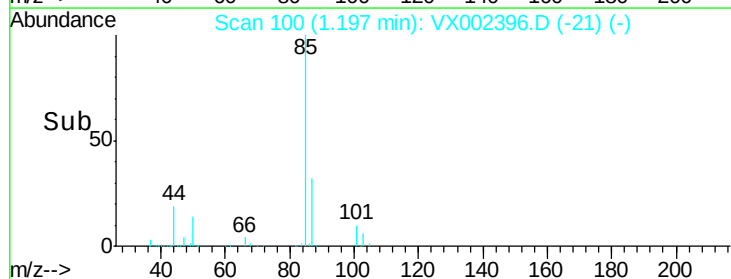
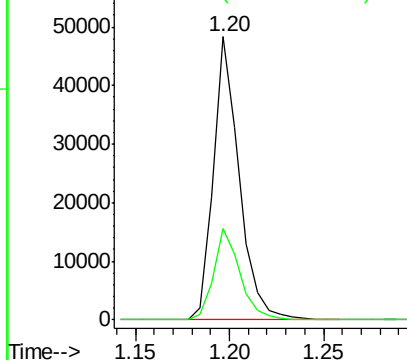
Lab File: VX002396.D

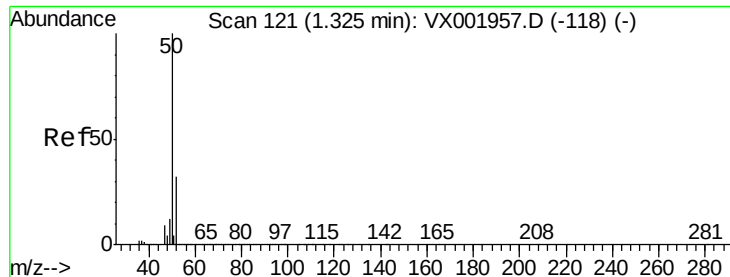
Acq: 08 Jun 2018 12:28

Tgt Ion:	85	Resp:	45919
Ion	Ratio	Lower	Upper
85	100		
87	32.2	16.2	48.5



Abundance Ion 85.00 (84.70 to 85.70): VX0
Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 20.57 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002396.D

Acq: 08 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBSD01

Tgt Ion: 50 Resp: 52776

Ion Ratio Lower Upper

50 100

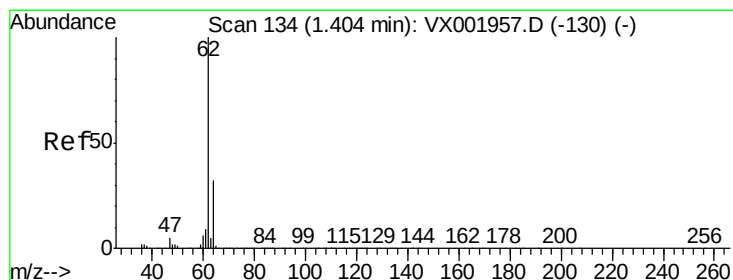
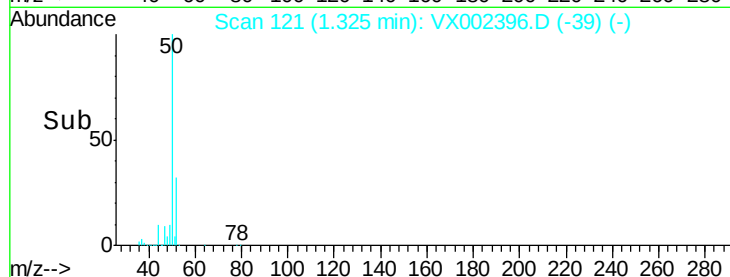
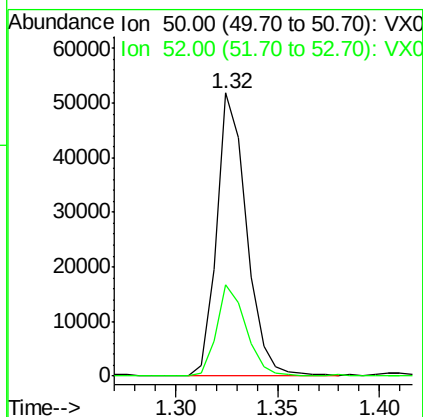
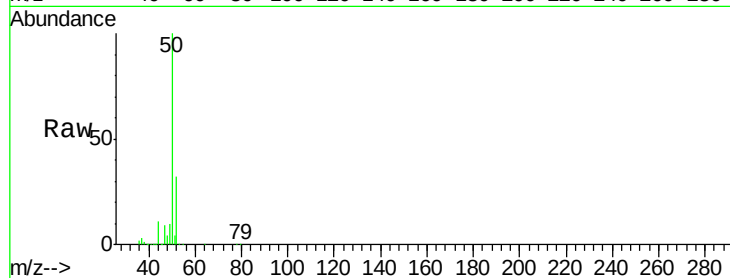
52 32.5 25.6 38.4

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#4

Vinyl Chloride

Concen: 22.29 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002396.D

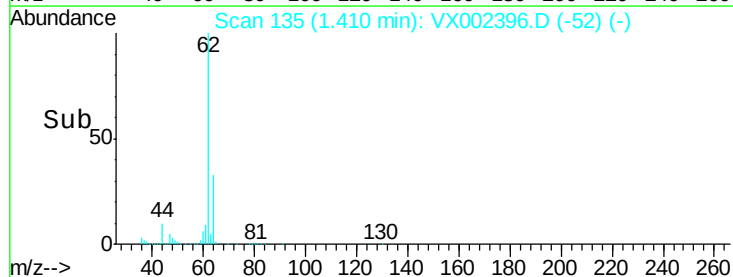
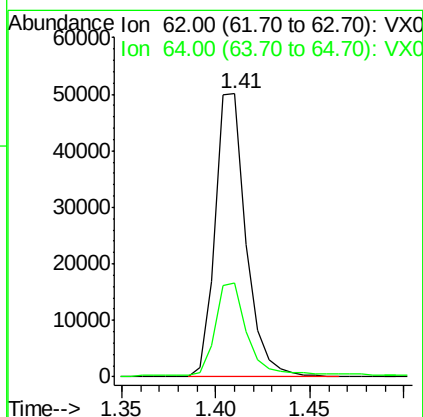
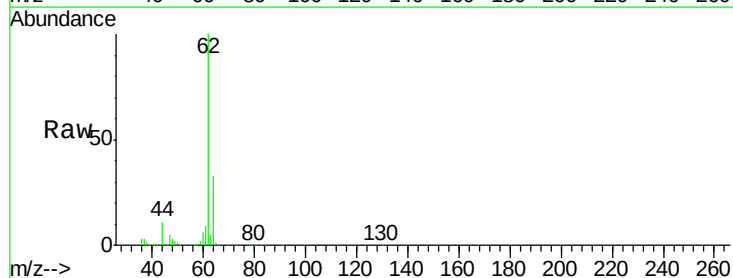
Acq: 08 Jun 2018 12:28

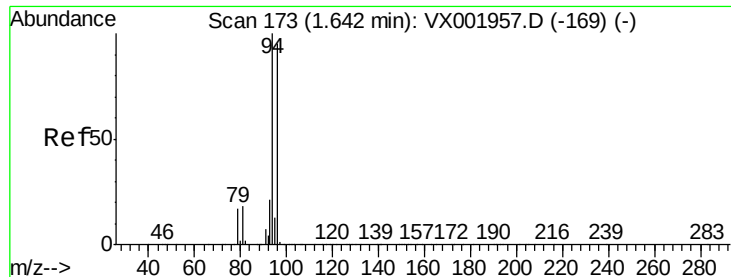
Tgt Ion: 62 Resp: 56891

Ion Ratio Lower Upper

62 100

64 32.4 25.3 37.9





#5

Bromomethane

Concen: 23.46 ug/l

RT: 1.64 min Scan# 173

Delta R.T. -0.00 min

Lab File: VX002396.D

Acq: 08 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBSD01

Tgt Ion: 94 Resp: 33545

Ion Ratio Lower Upper

94 100

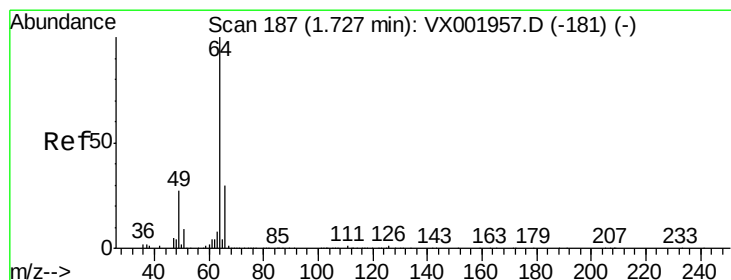
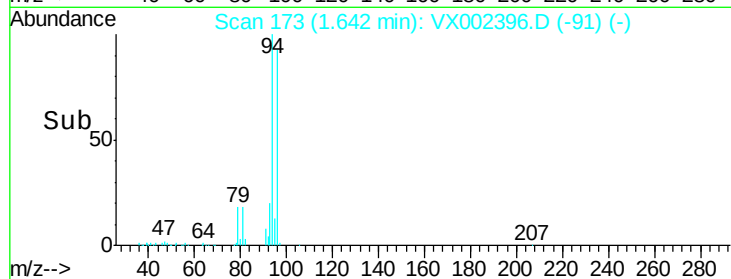
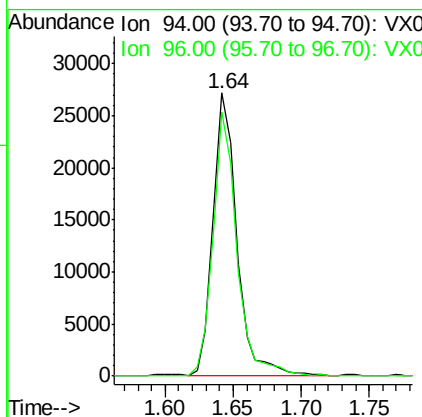
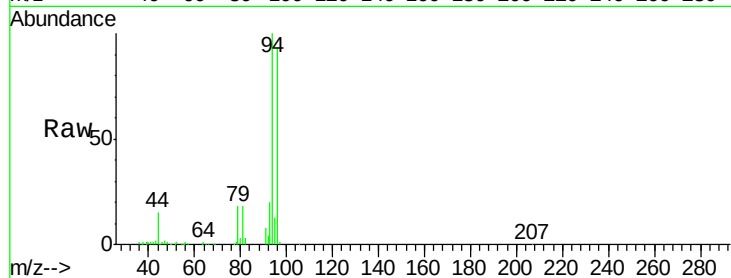
96 93.5 75.7 113.5

Manual Integrations

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#6

Chloroethane

Concen: 26.63 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX002396.D

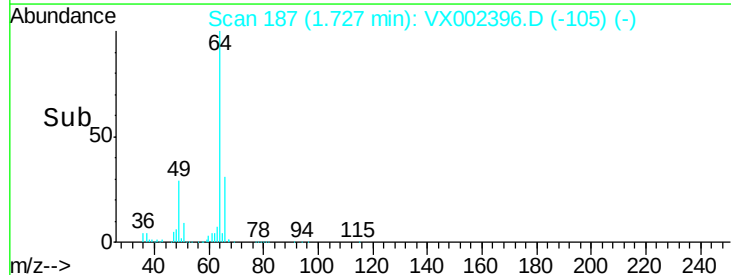
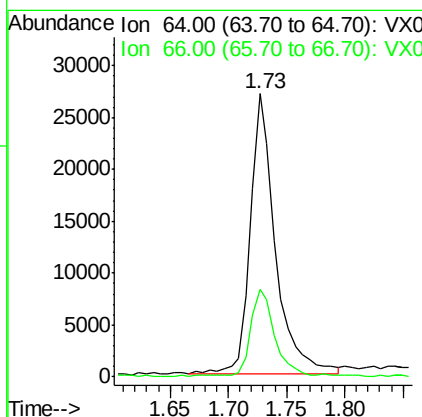
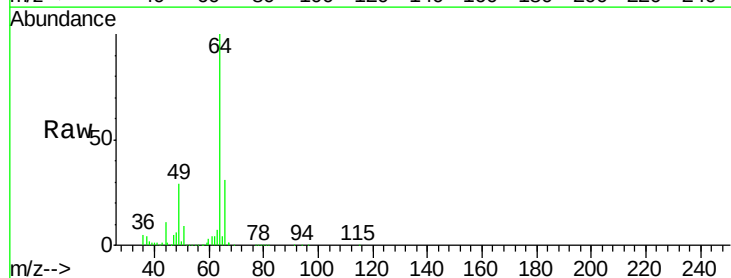
Acq: 08 Jun 2018 12:28

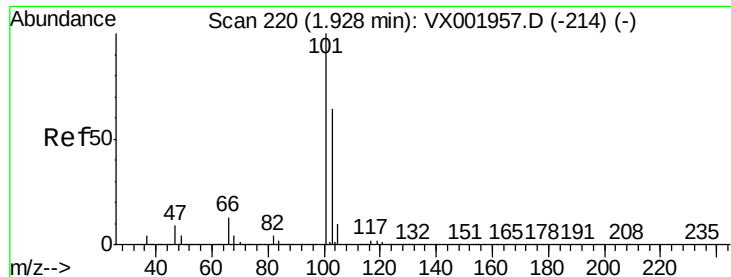
Tgt Ion: 64 Resp: 40209

Ion Ratio Lower Upper

64 100

66 31.1 24.3 36.5





#7

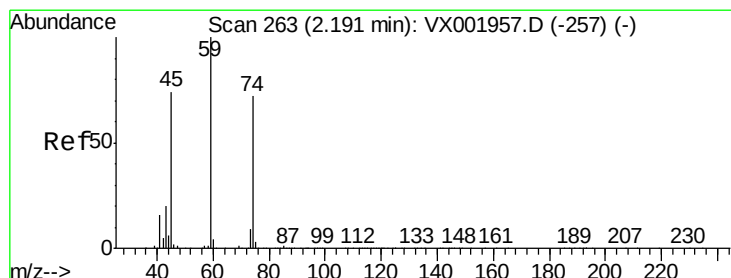
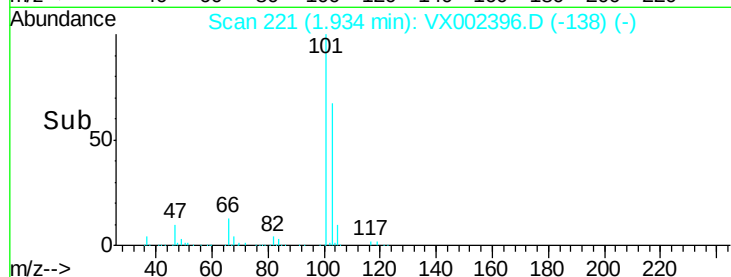
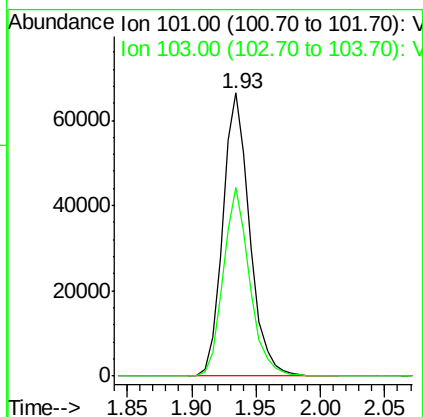
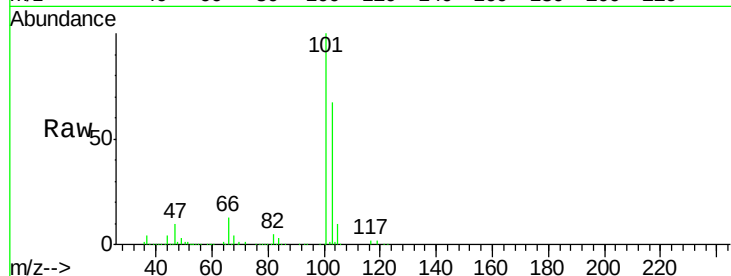
Trichlorofluoromethane
Concen: 25.00 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX002396.D
Acq: 08 Jun 2018 12:28

Instrument :
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ClientSampleId :
VX0608WBSD01

Tgt Ion: 101 Resp: 97320
Ion Ratio Lower Upper
101 100
103 66.9 51.5 77.3

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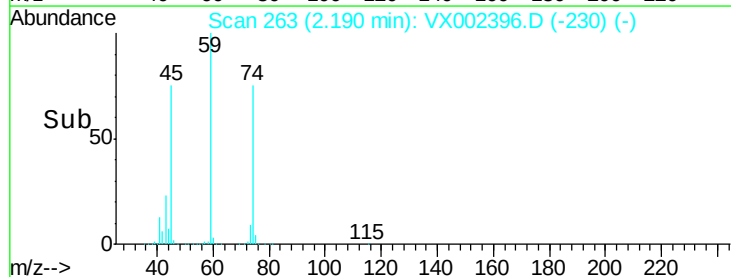
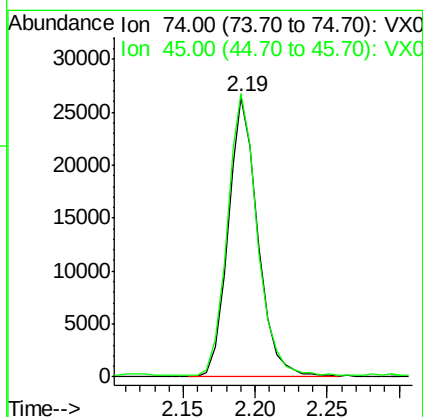
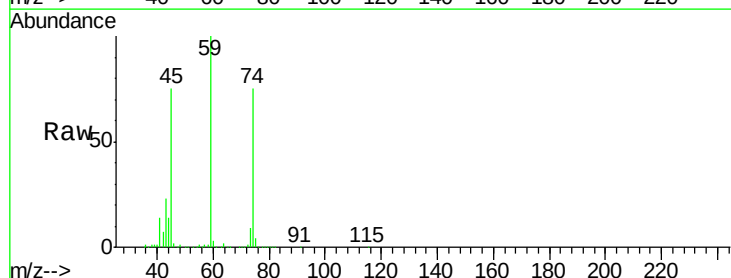
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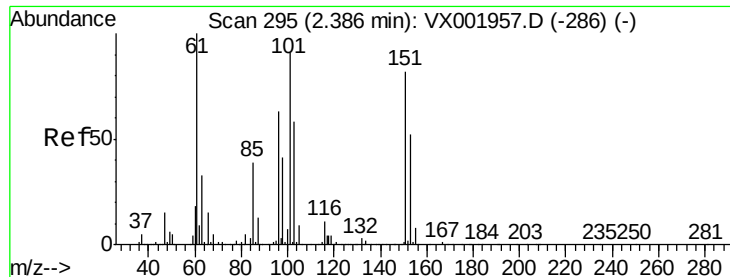


#8

Diethyl Ether
Concen: 25.92 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002396.D
Acq: 08 Jun 2018 12:28

Tgt Ion: 74 Resp: 37978
Ion Ratio Lower Upper
74 100
45 101.9 20.5 184.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 27.39 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002396.D

Acq: 08 Jun 2018 12:28

Instrument :

MSVOA_X

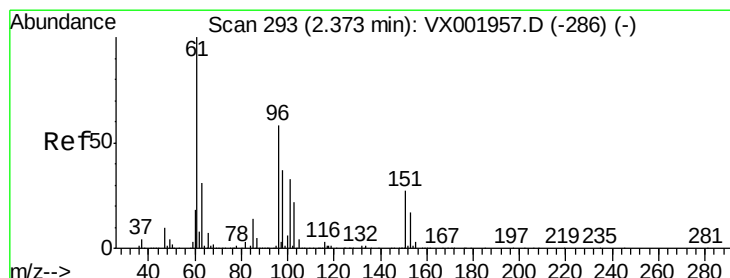
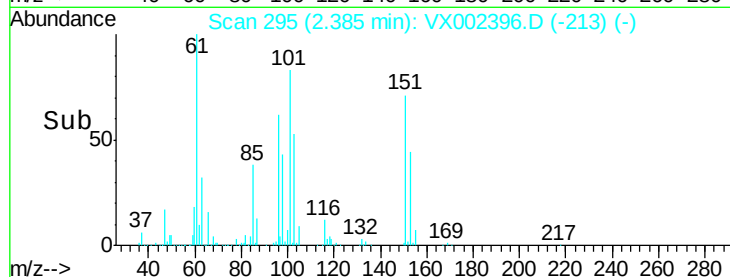
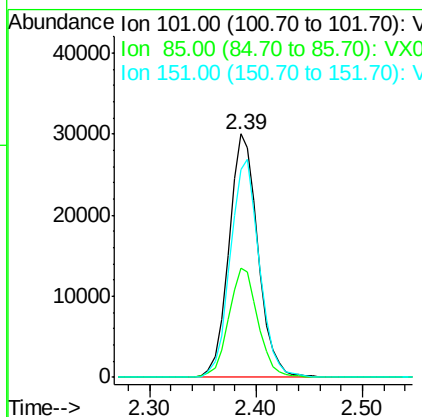
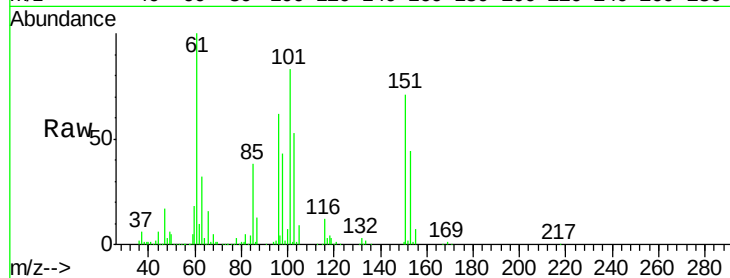
ClientSampleId :

VX0608WBSD01

Tgt Ion:	101	Resp:	57425
Ion Ratio	Lower	Upper	
101	100		
85	45.3	0.0	87.0
151	89.8	0.0	177.6

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 23.97 ug/l

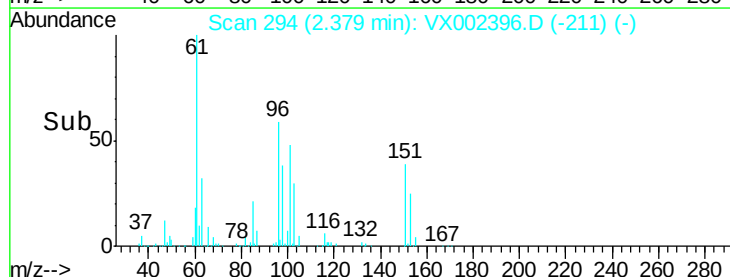
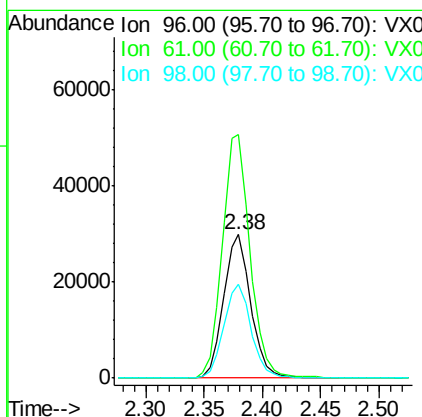
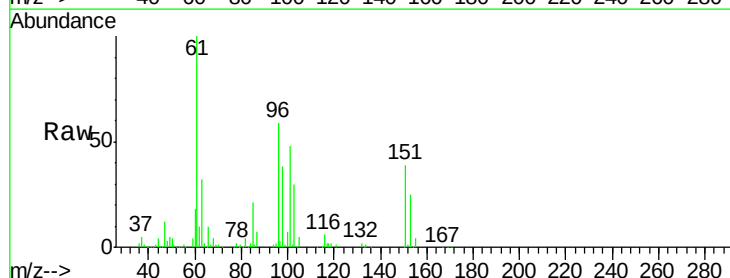
RT: 2.38 min Scan# 294

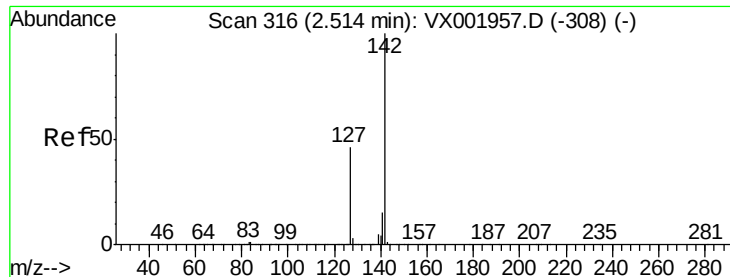
Delta R.T. 0.01 min

Lab File: VX002396.D

Acq: 08 Jun 2018 12:28

Tgt Ion:	96	Resp:	48447
Ion Ratio	Lower	Upper	
96	100		
61	169.6	137.5	206.3
98	65.1	51.4	77.2





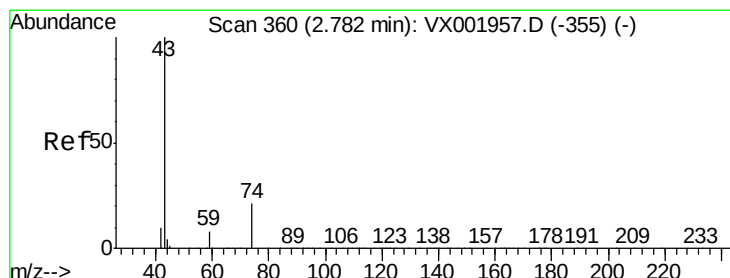
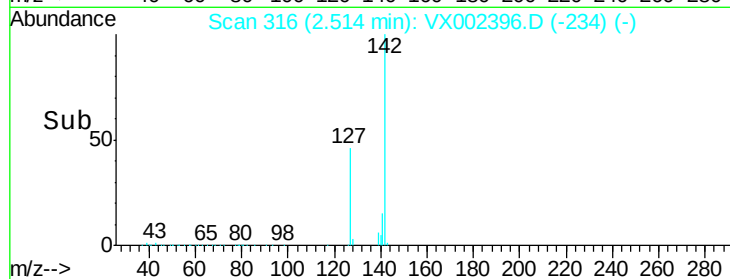
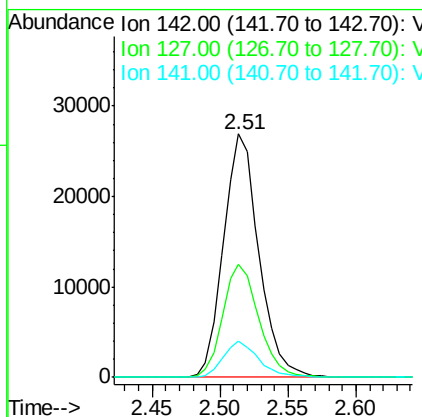
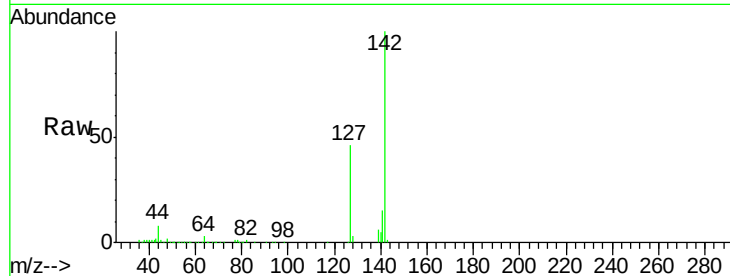
#11
Methyl Iodide
Concen: 15.32 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX002396.D
Acq: 08 Jun 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBSD01

Tgt Ion	Ratio	Lower	Upper
142	100		
127	46.2	23.2	69.6
141	14.6	7.4	22.2

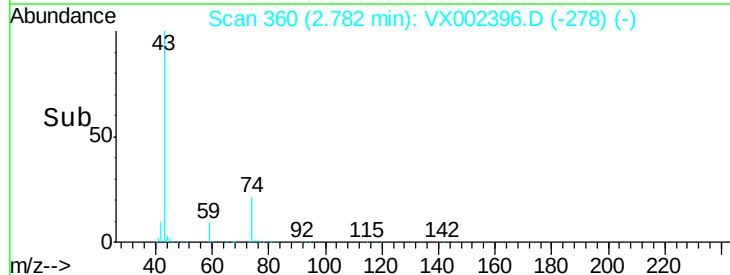
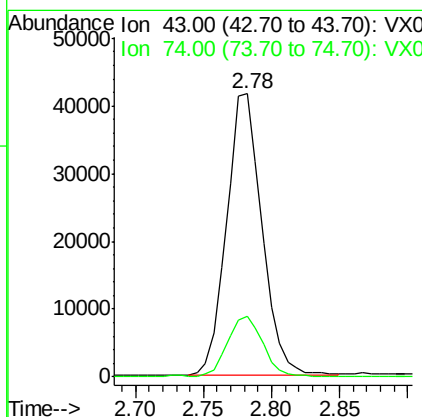
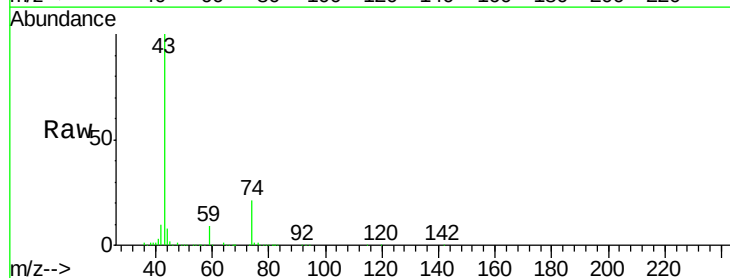
Manual Integrations
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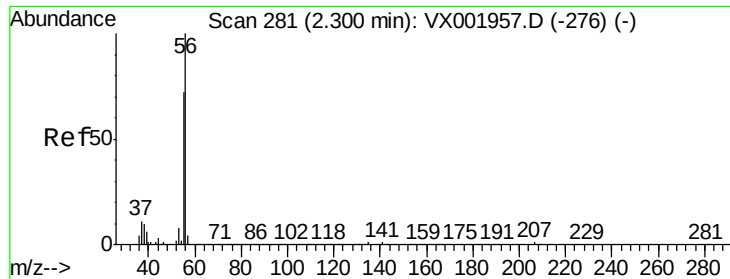
MMDadoda
6/11/2018 9:30:18 AM



#12
Methyl Acetate
Concen: 23.07 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002396.D
Acq: 08 Jun 2018 12:28

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.1	16.4	24.6





#13

Acrolein

Concen: 88.55 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002396.D

Acq: 08 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampled :

VX0608WBSD01

Tgt Ion: 56 Resp: 24699

Ion Ratio Lower Upper

56 100

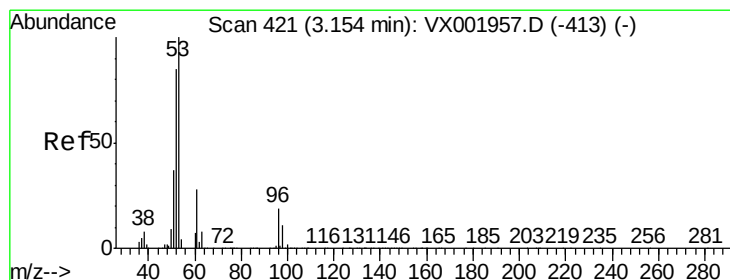
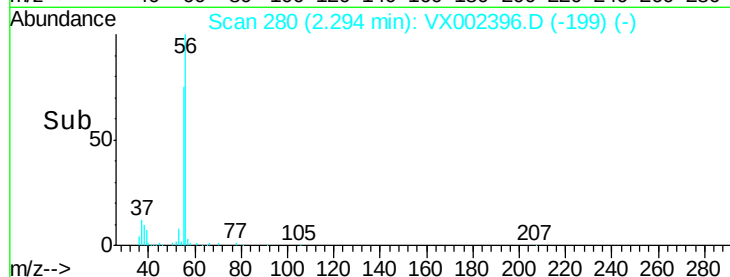
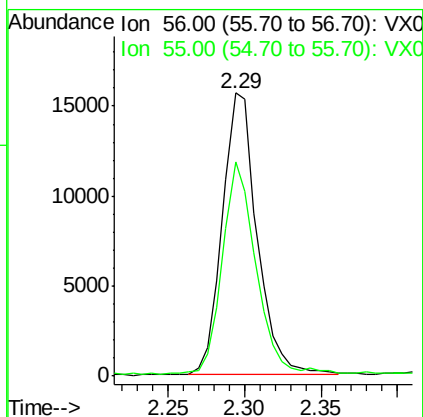
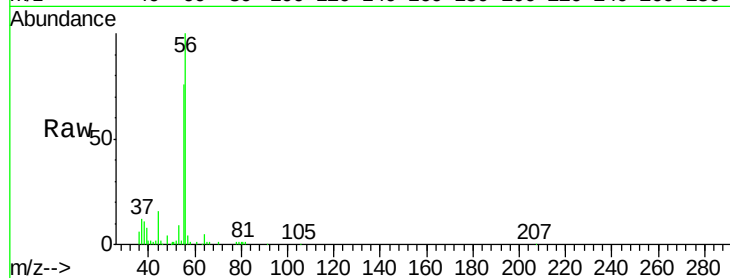
55 72.0 57.3 85.9

Manual Integrations

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#14

Acrylonitrile

Concen: 115.90 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX002396.D

Acq: 08 Jun 2018 12:28

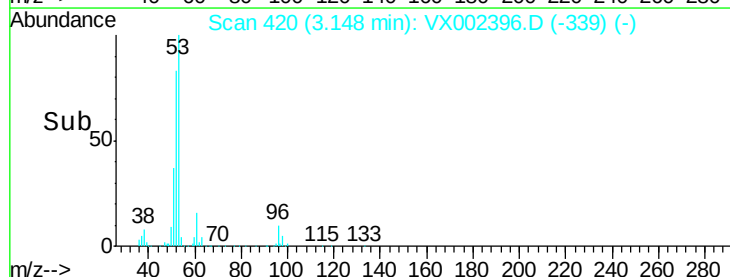
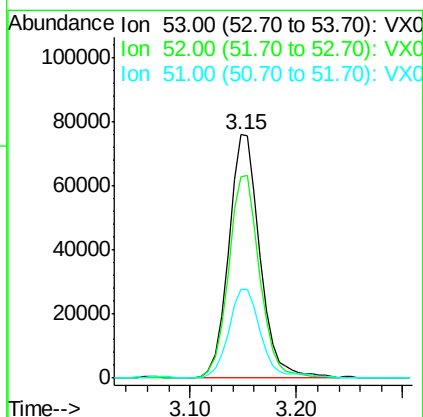
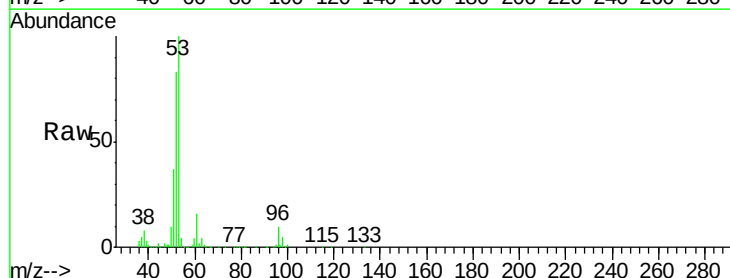
Tgt Ion: 53 Resp: 156222

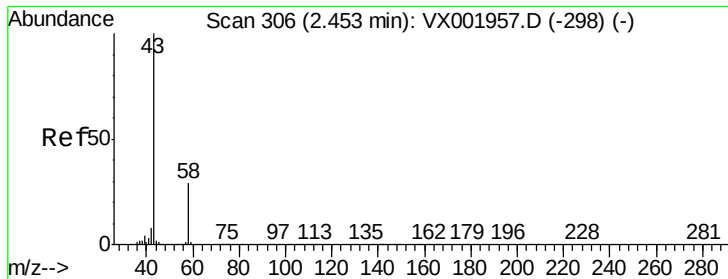
Ion Ratio Lower Upper

53 100

52 82.9 41.5 124.6

51 37.0 17.9 53.8





#15

Acetone

Concen: 126.06 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002396.D

Acq: 08 Jun 2018 12:28

Tgt Ion: 58 Resp: 45295

Ion Ratio Lower Upper

58 100

43 364.4 278.8 418.2

Instrument :

MSVOA_X

ClientSampleId :

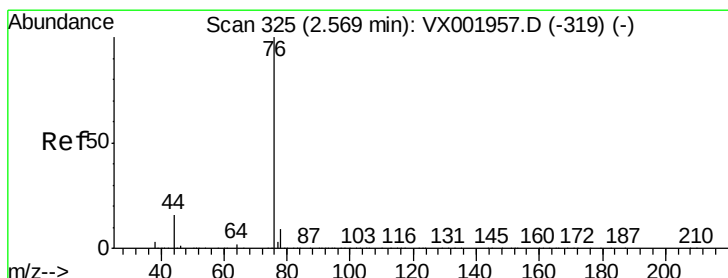
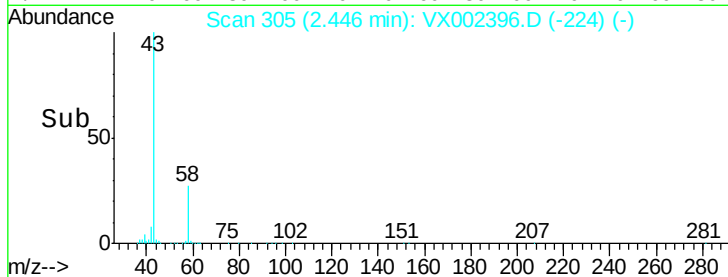
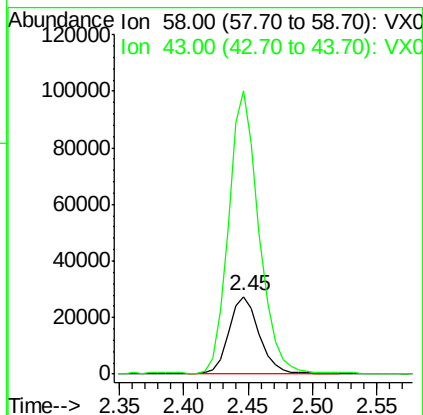
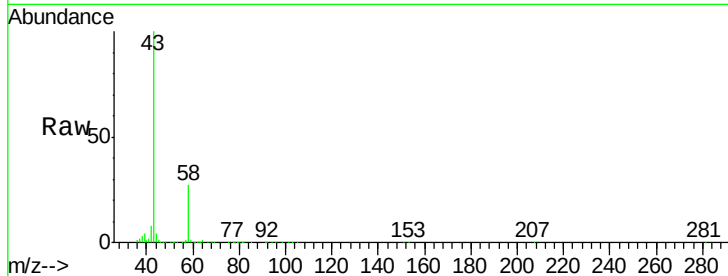
VX0608WBSD01

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#16

Carbon Disulfide

Concen: 19.02 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002396.D

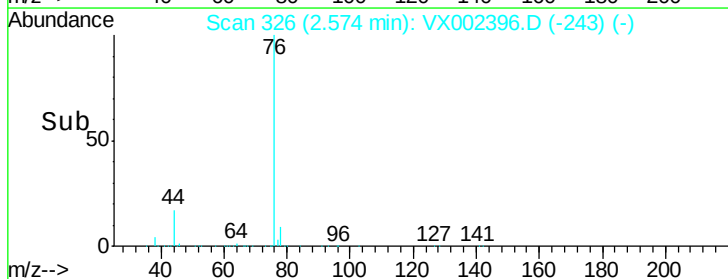
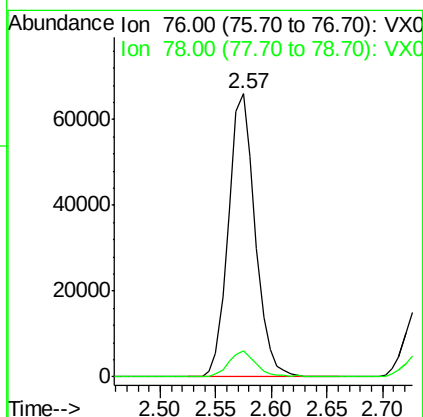
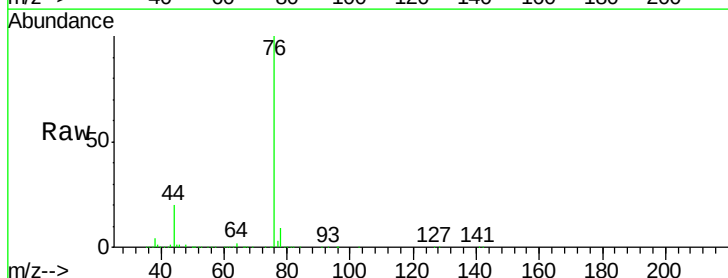
Acq: 08 Jun 2018 12:28

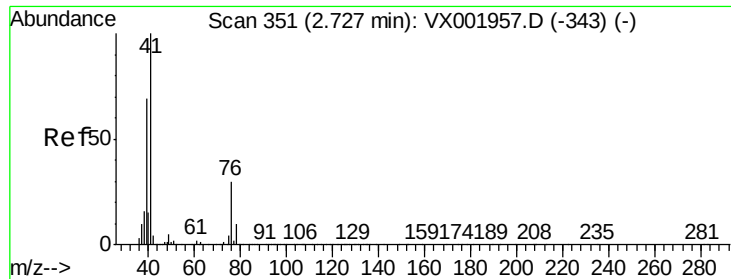
Tgt Ion: 76 Resp: 109761

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0





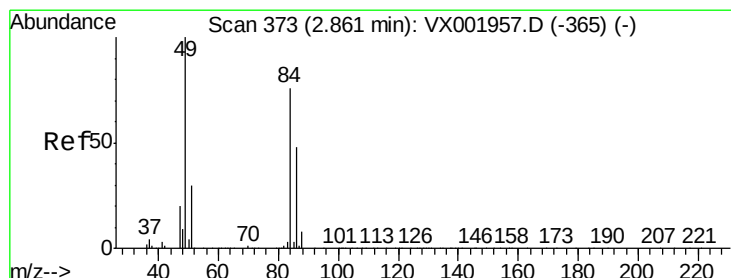
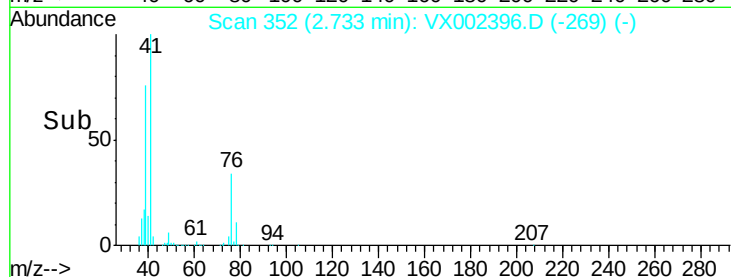
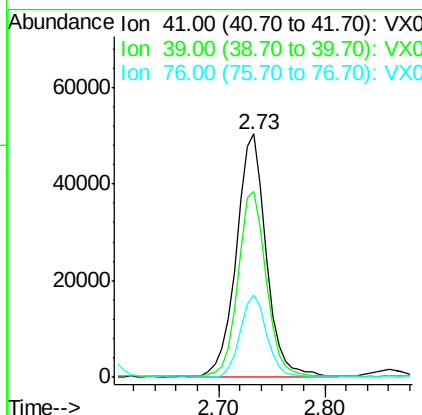
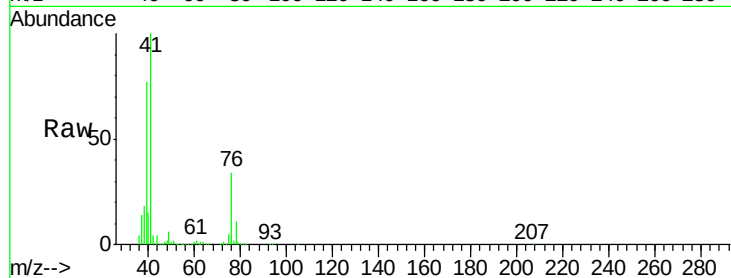
#17
 Allyl chloride
 Concen: 23.63 ug/l
 RT: 2.73 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VX002396.D
 Acq: 08 Jun 2018 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBSD01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	76.3	34.6	103.8
76	33.6	15.0	45.1

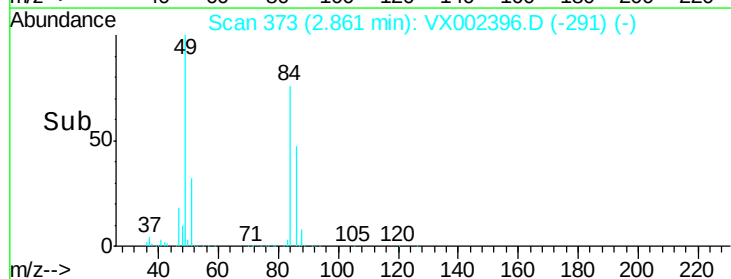
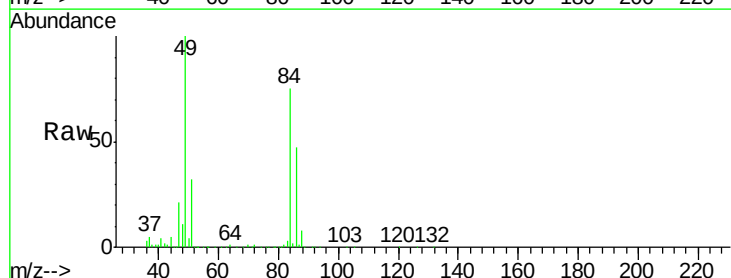
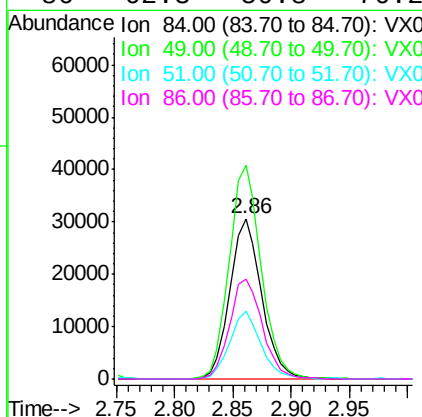
Manual Integrations
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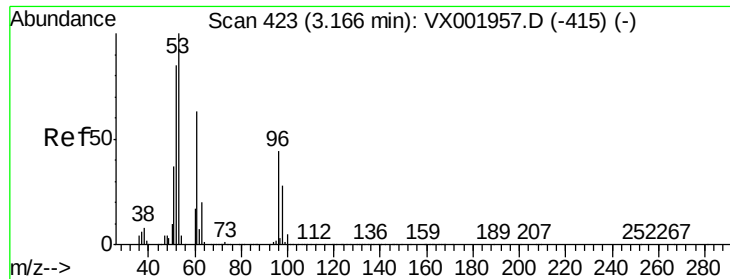
MMDadoda
 6/11/2018 9:30:18 AM



#18
 Methylene Chloride
 Concen: 25.78 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: VX002396.D
 Acq: 08 Jun 2018 12:28

Tgt Ion	Ratio	Lower	Upper
84	100		
49	133.2	104.7	157.1
51	41.7	31.0	46.4
86	62.3	50.8	76.2





#19

trans-1,2-Dichloroethene

Concen: 24.30 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002396.D

Acq: 08 Jun 2018 12:28

Instrument :

MSVOA_X

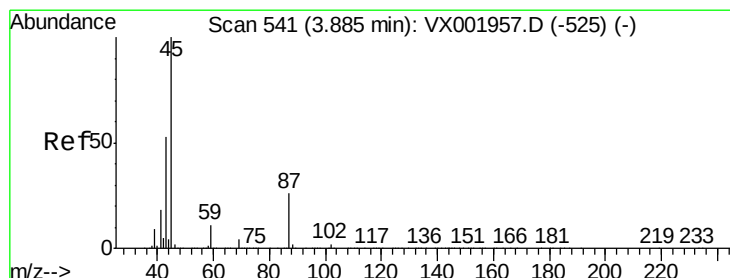
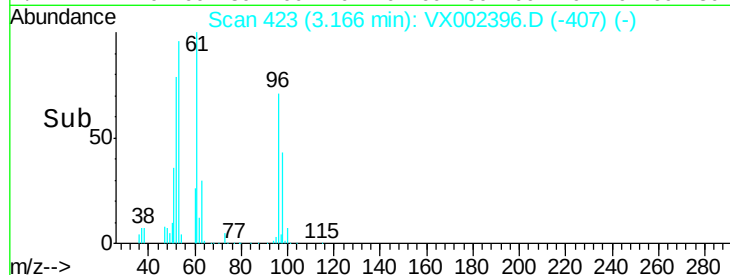
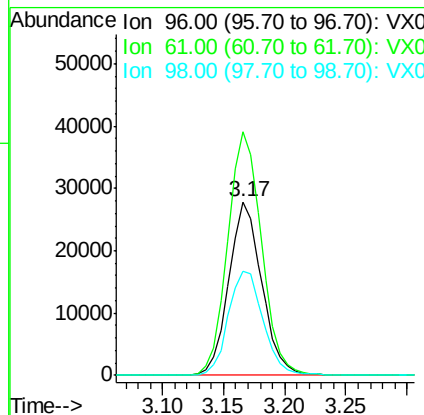
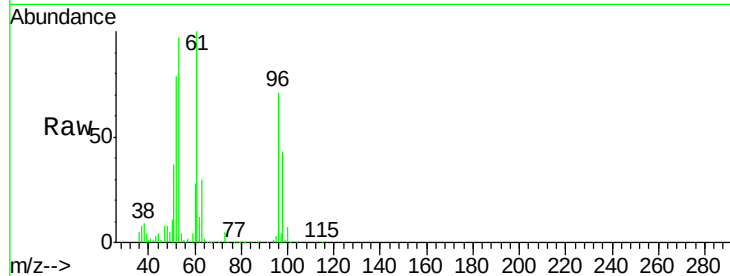
ClientSampleId :

VX0608WBSD01

Tgt Ion:	96	Resp:	51935
Ion	Ratio	Lower	Upper
96	100		
61	140.4	114.6	172.0
98	60.1	51.3	76.9

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MMDadoda
6/11/2018 9:30:18 AM



#20

Diisopropyl ether

Concen: 22.55 ug/l

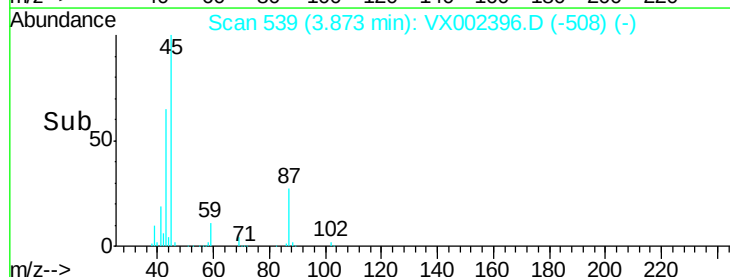
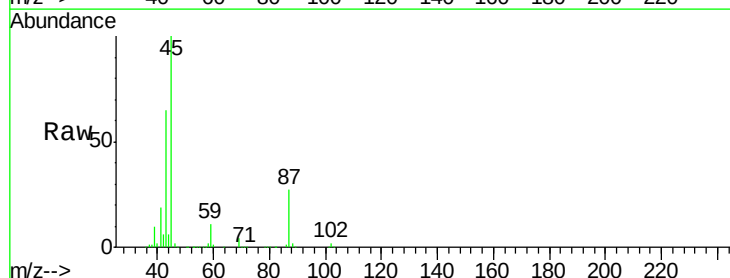
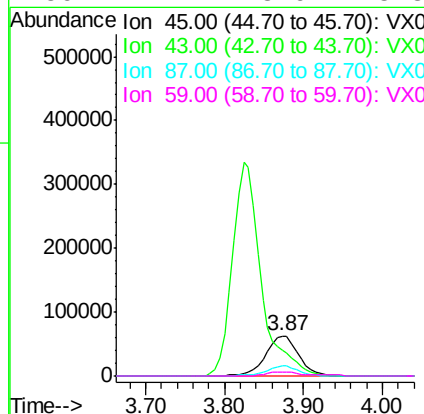
RT: 3.87 min Scan# 539

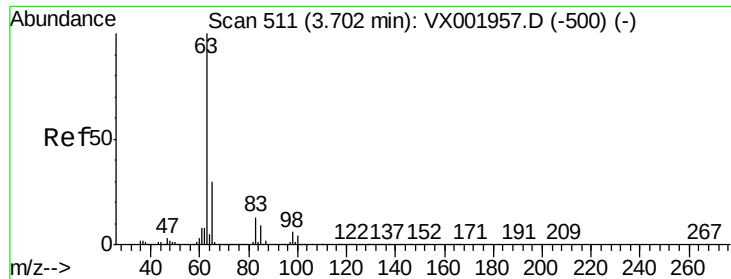
Delta R.T. -0.01 min

Lab File: VX002396.D

Acq: 08 Jun 2018 12:28

Tgt Ion:	45	Resp:	179616
Ion	Ratio	Lower	Upper
45	100		
43	64.9	45.6	68.4
87	27.1	20.7	31.1
59	11.1	8.9	13.3





#21

1,1-Dichloroethane

Concen: 24.54 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX002396.D

Acq: 08 Jun 2018 12:28

Instrument :

MSVOA_X

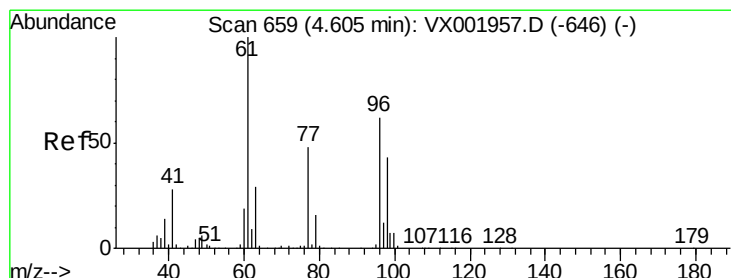
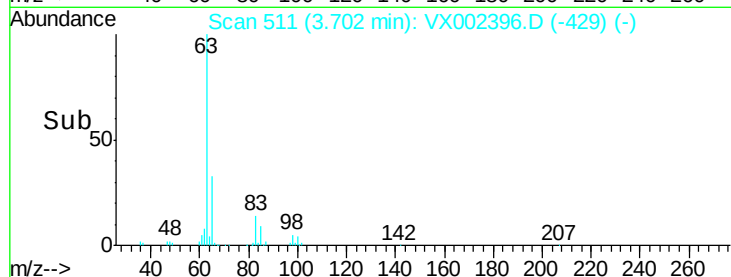
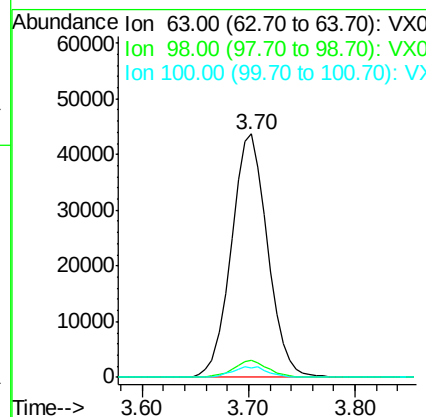
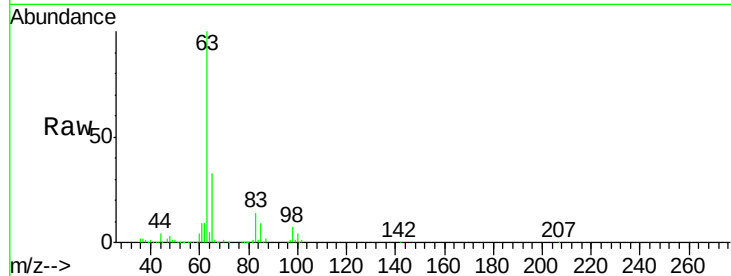
ClientSampleId :

VX0608WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	104067		
98	6.8	3.1	9.3	
100	3.9	2.2	6.6	

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#22

cis-1,2-Dichloroethene

Concen: 20.83 ug/l

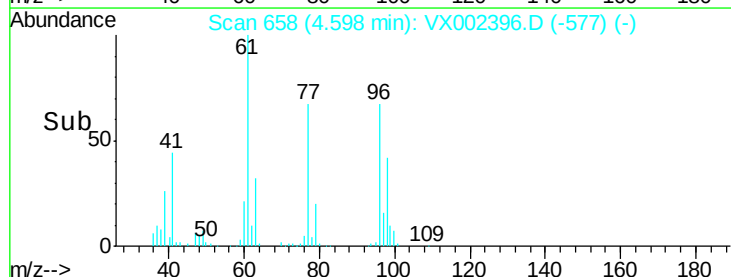
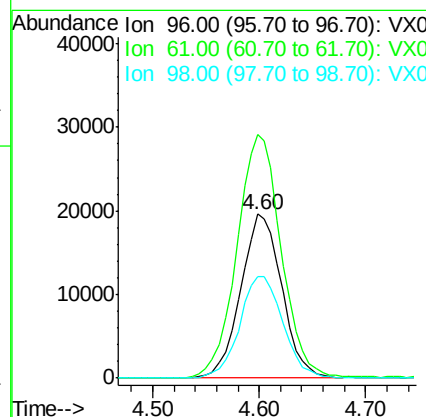
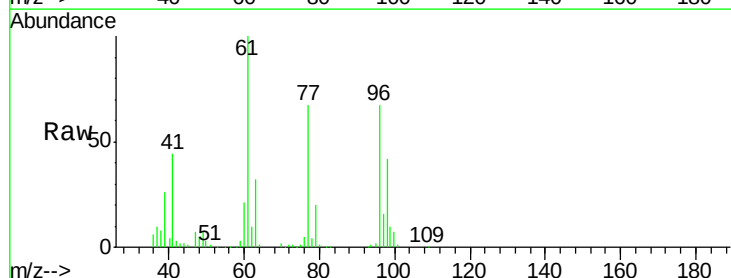
RT: 4.60 min Scan# 658

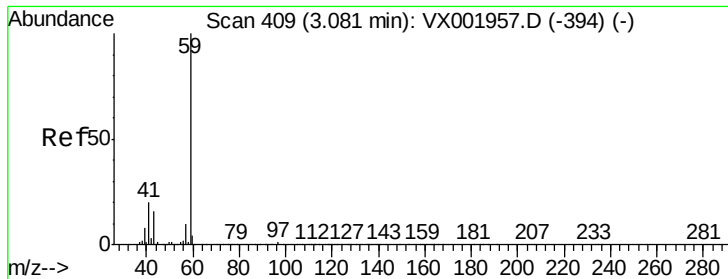
Delta R.T. -0.01 min

Lab File: VX002396.D

Acq: 08 Jun 2018 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	53065		
61	160.1	160.2	240.2#	
98	65.5	54.1	81.1	





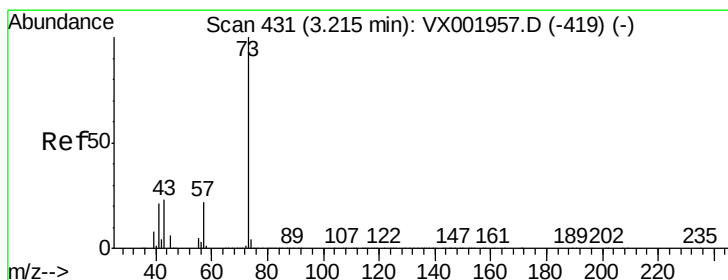
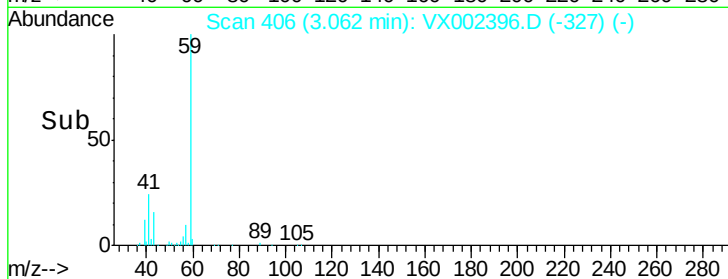
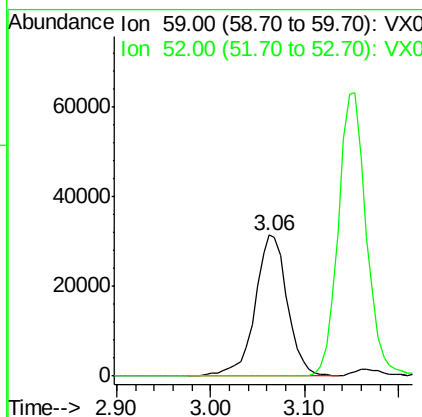
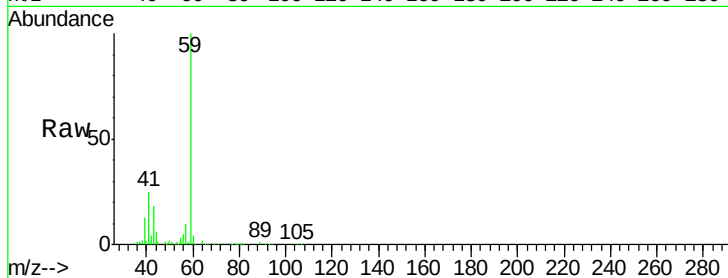
#23
tert-Butyl Alcohol
Concen: 108.51 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.02 min
Lab File: VX002396.D
Acq: 08 Jun 2018 12:28

Instrument :
MSVOA_X
ClientSampled :
VX0608WBSD01

Tgt Ion: 59 Resp: 75862
Ion Ratio Lower Upper
59 100
52 0.2 0.2 0.2

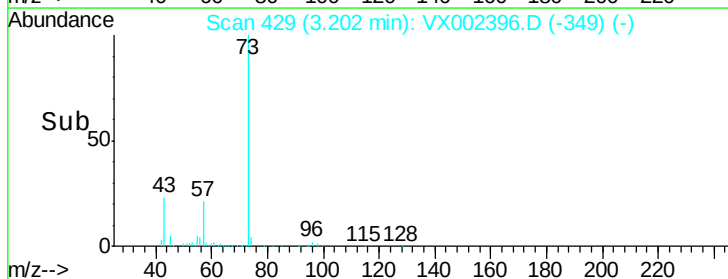
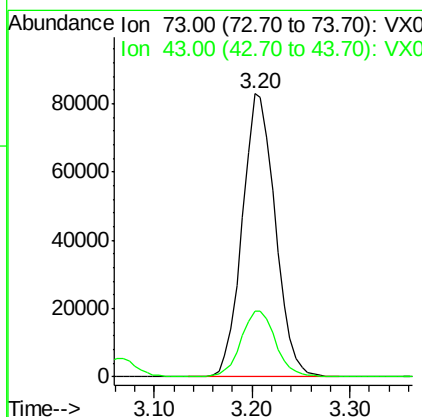
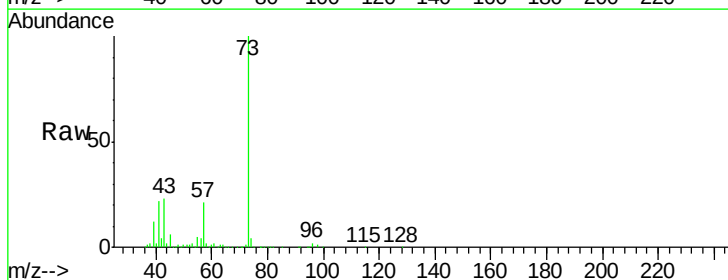
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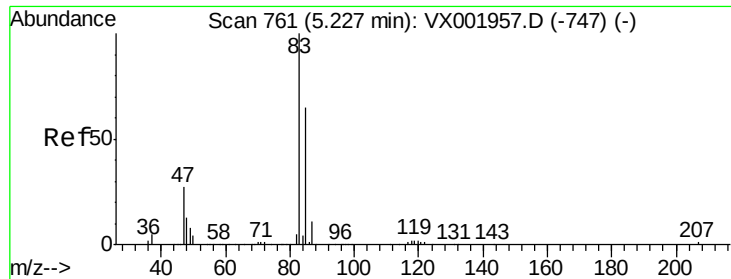
MMDadoda
6/11/2018 9:30:18 AM



#24
Methyl tert-Butyl Ether
Concen: 24.65 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX002396.D
Acq: 08 Jun 2018 12:28

Tgt Ion: 73 Resp: 194479
Ion Ratio Lower Upper
73 100
43 23.9 19.0 28.4





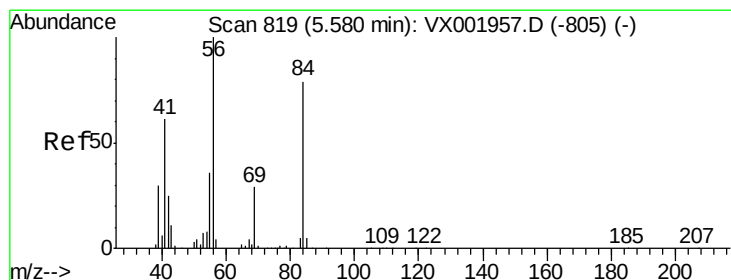
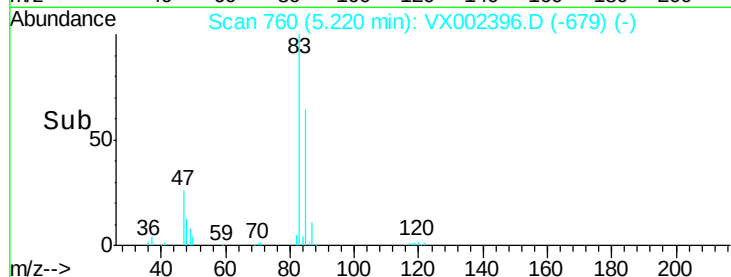
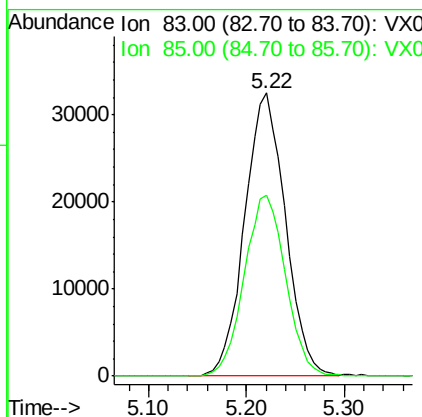
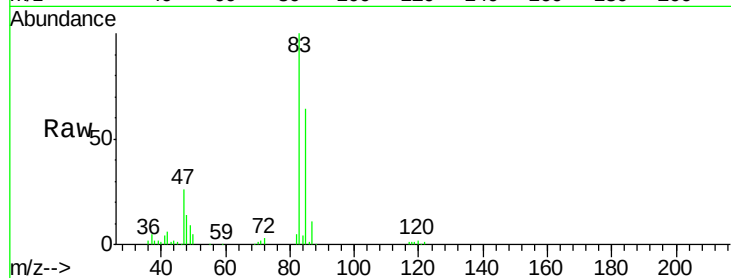
#25
Chloroform
Concen: 21.18 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX002396.D
Acq: 08 Jun 2018 12:28

Instrument :
MSVOA_X
ClientSampled :
VX0608WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.9	77.9

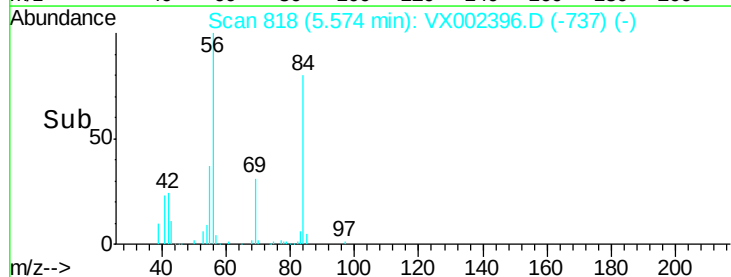
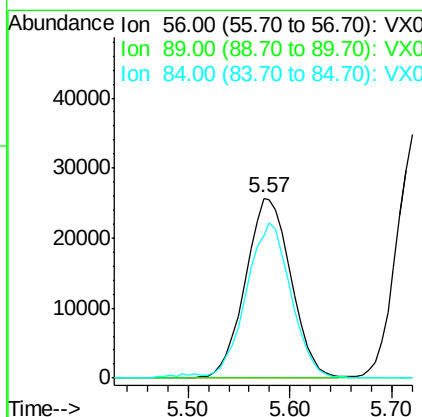
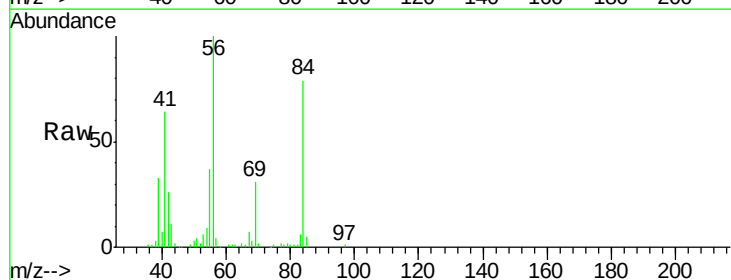
Manual Integrations
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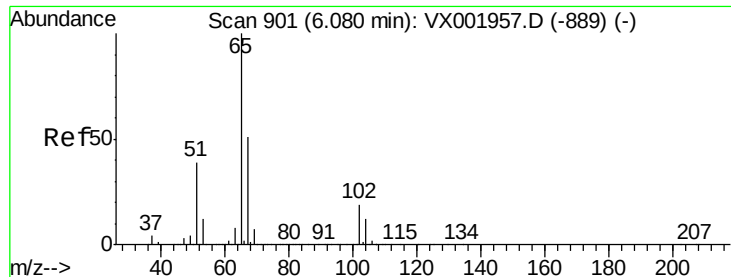
MMDadoda
6/11/2018 9:30:18 AM



#26
Cyclohexane
Concen: 20.42 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX002396.D
Acq: 08 Jun 2018 12:28

Tgt Ion	Ratio	Lower	Upper
56	100		
89	0.0	0.1	0.1#
84	84.5	64.9	97.3





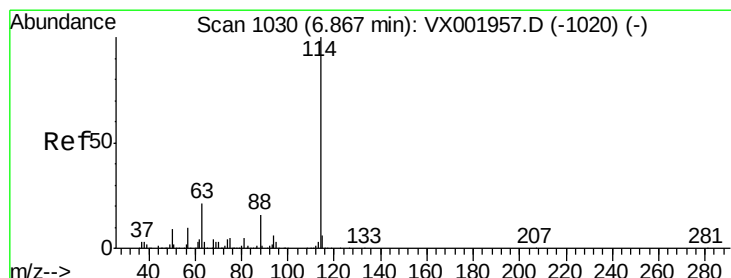
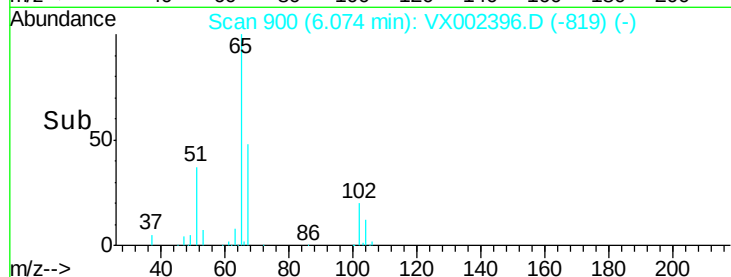
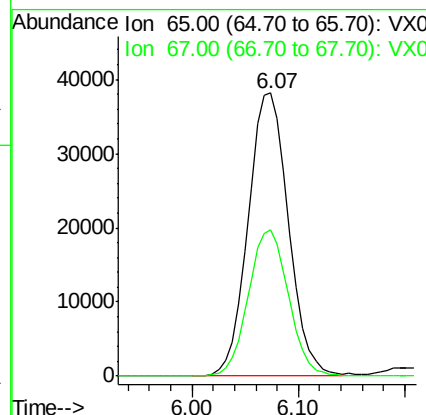
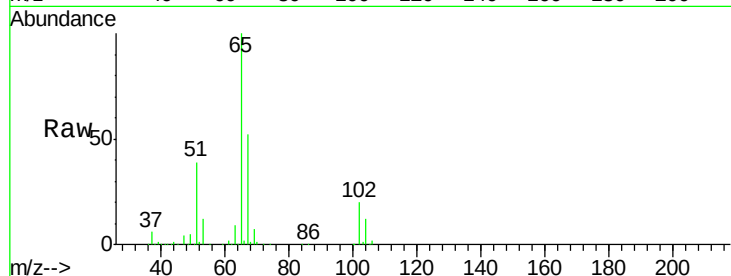
#27
 1,2-Dichloroethane-d4
 Concen: 31.78 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX002396.D
 Acq: 08 Jun 2018 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBSD01

Tgt Ion: 65 Resp: 101584
 Ion Ratio Lower Upper
 65 100
 67 51.6 40.9 61.3

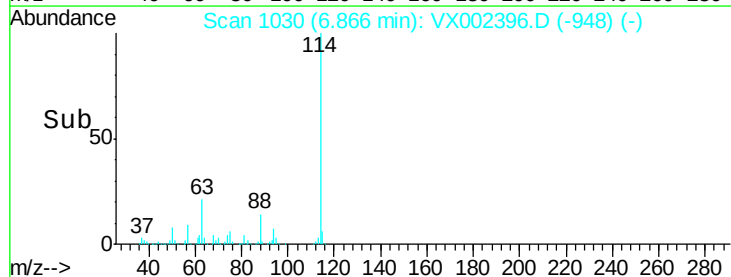
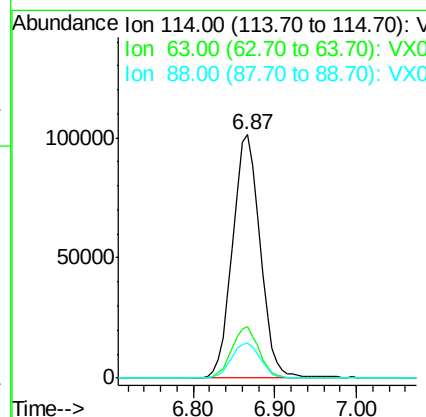
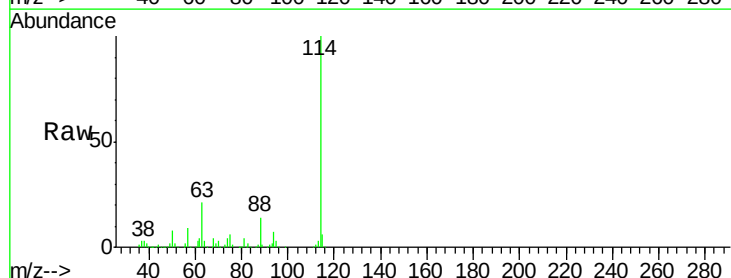
Manual Integrations
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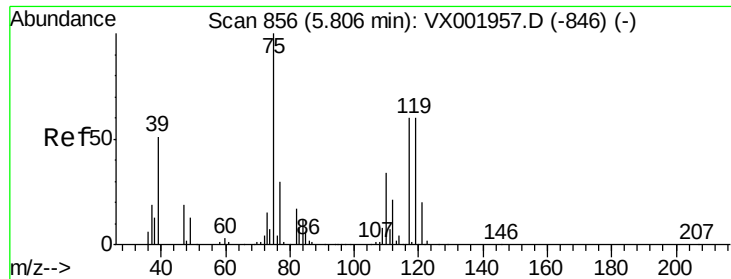
MMDadoda
 6/11/2018 9:30:18 AM



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002396.D
 Acq: 08 Jun 2018 12:28

Tgt Ion: 114 Resp: 237005
 Ion Ratio Lower Upper
 114 100
 63 20.6 17.1 25.7
 88 15.0 12.6 19.0





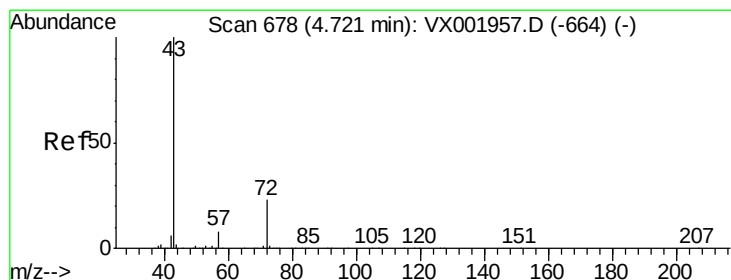
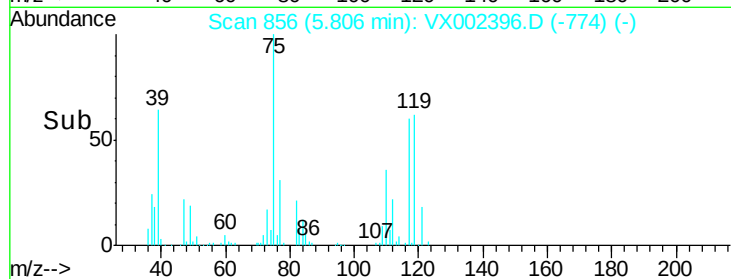
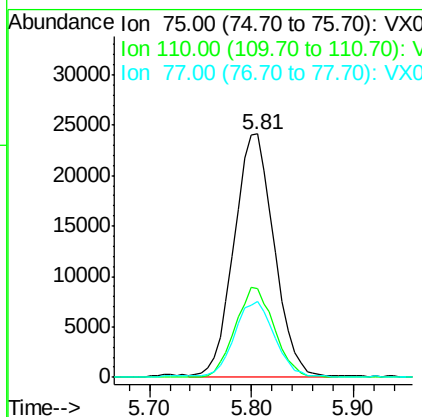
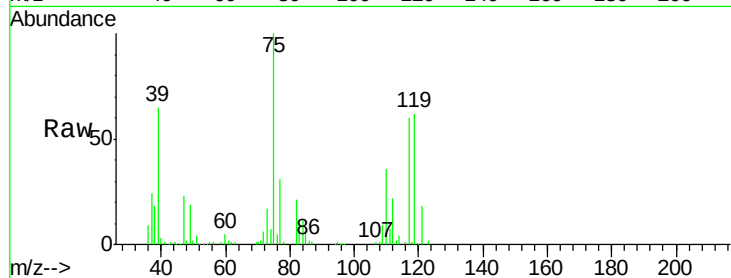
#29
 1,1-Dichloropropene
 Concen: 19.89 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX002396.D
 Acq: 08 Jun 2018 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBSD01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.0	0.0	71.4
77	31.4	0.0	60.6

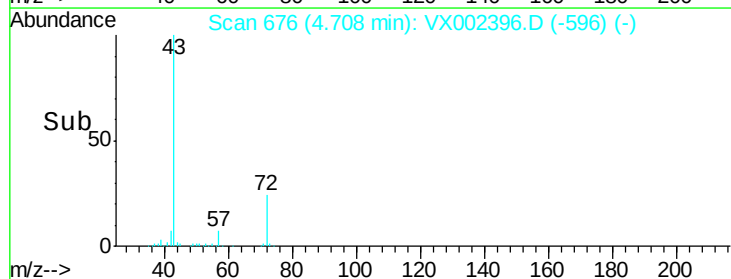
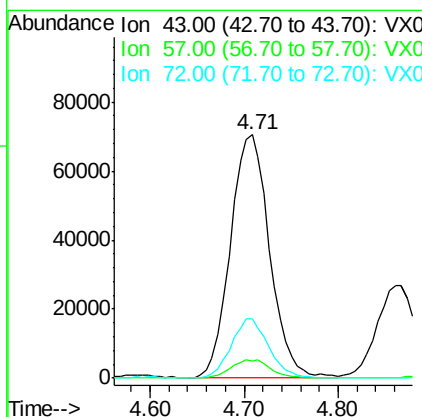
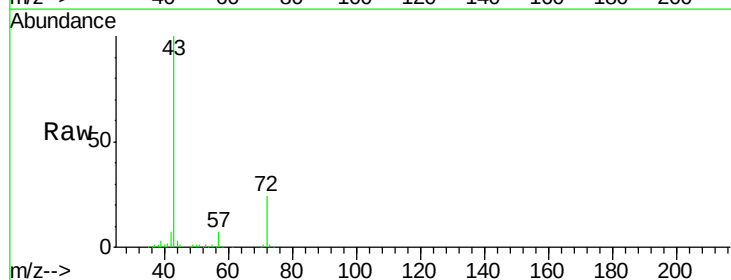
Manual Integrations
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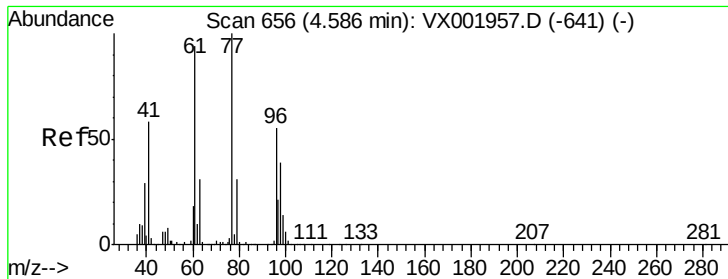
MMDadoda
 6/11/2018 9:30:18 AM



#30
 2-Butanone
 Concen: 88.11 ug/l
 RT: 4.71 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: VX002396.D
 Acq: 08 Jun 2018 12:28

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.7	6.1	9.1
72	23.4	18.1	27.1





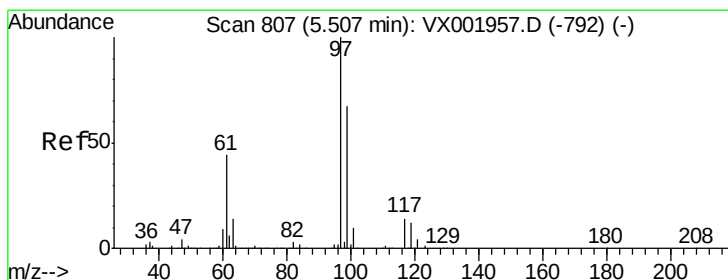
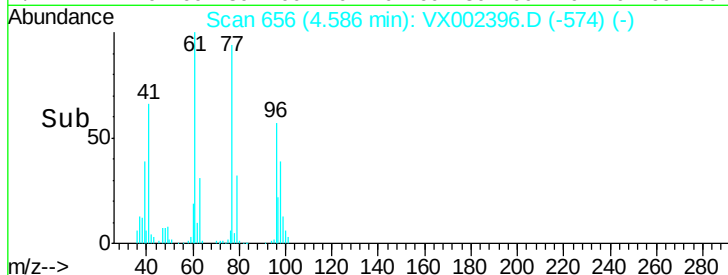
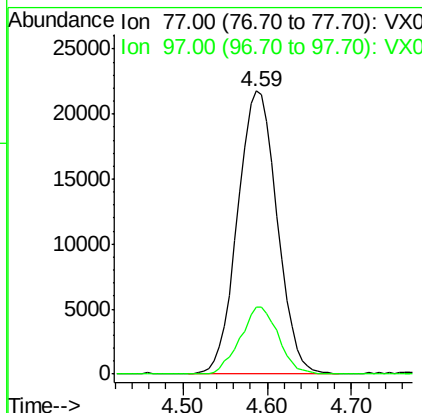
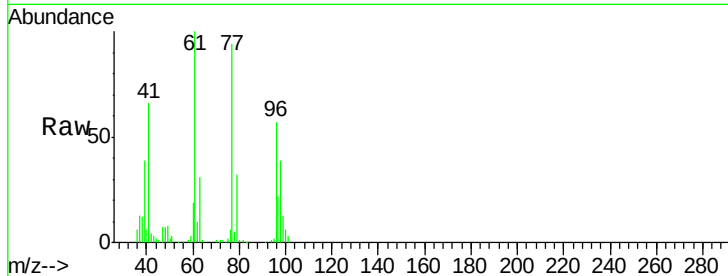
#31
 2,2-Dichloropropane
 Concen: 23.82 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: VX002396.D
 Acq: 08 Jun 2018 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBSD01

Tgt Ion: 77 Resp: 69421
 Ion Ratio Lower Upper
 77 100
 97 22.9 18.7 28.1

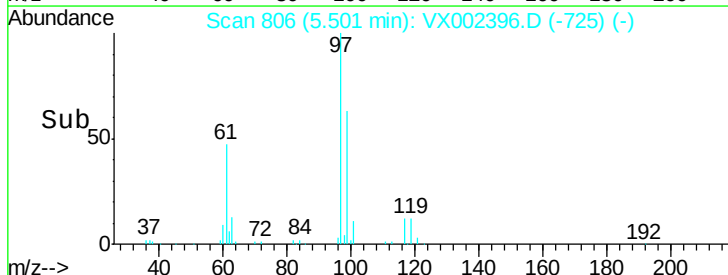
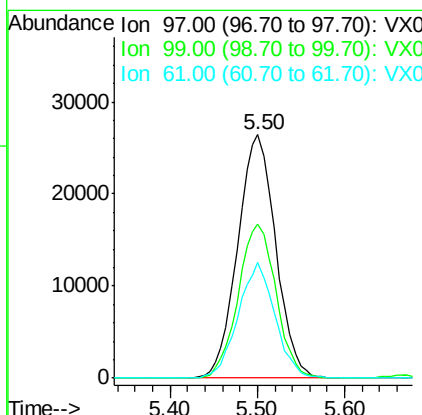
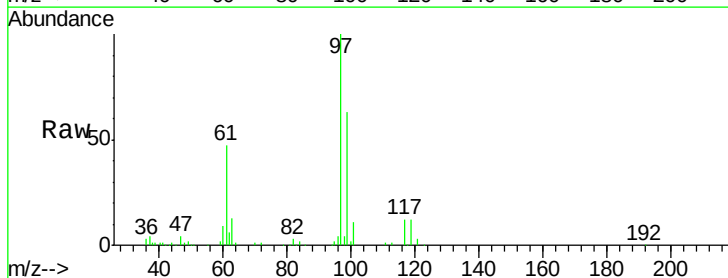
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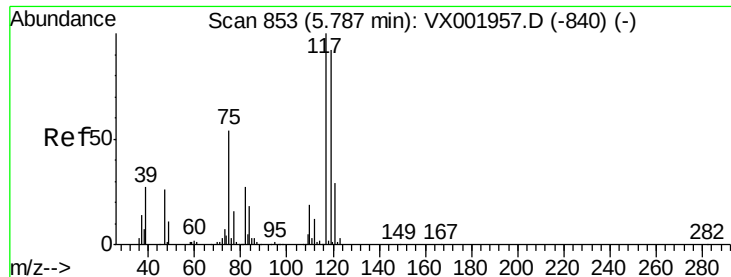
MMDadoda
 6/11/2018 9:30:18 AM



#32
 1,1,1-Trichloroethane
 Concen: 18.43 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX002396.D
 Acq: 08 Jun 2018 12:28

Tgt Ion: 97 Resp: 79798
 Ion Ratio Lower Upper
 97 100
 99 62.9 51.7 77.5
 61 45.8 36.4 54.6





#33

Carbon Tetrachloride

Concen: 17.18 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX002396.D

Acq: 08 Jun 2018 12:28

Instrument :

MSVOA_X

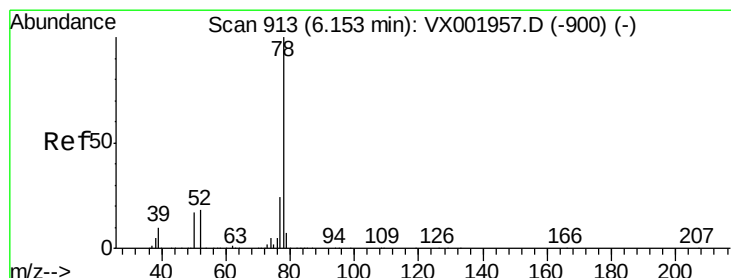
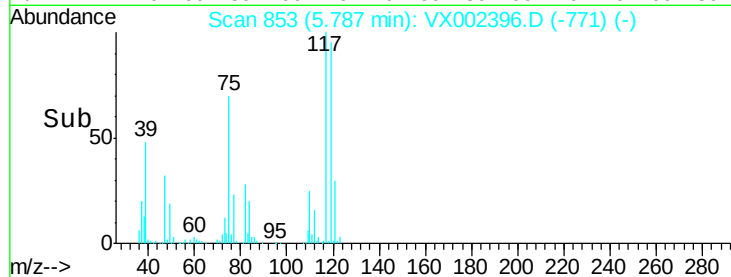
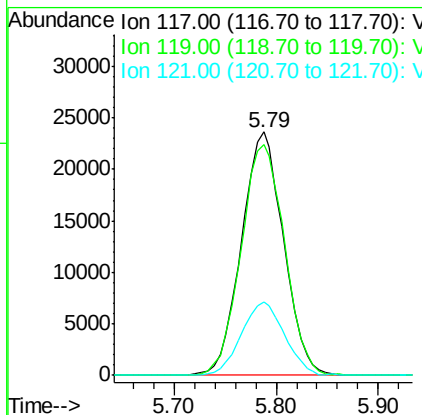
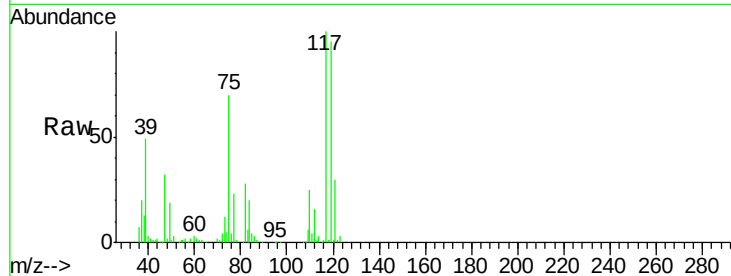
ClientSampleId :

VX0608WBSD01

Tgt Ion:	117	Resp:	67600
Ion Ratio	Lower	Upper	
117	100		
119	94.8	73.3	109.9
121	30.4	23.6	35.4

Manual Integrations
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MMDadoda
6/11/2018 9:30:18 AM



#34

Benzene

Concen: 20.04 ug/l

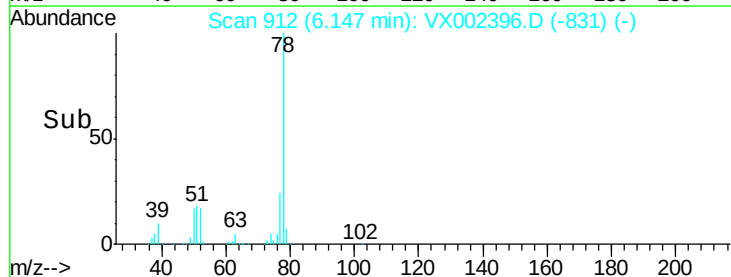
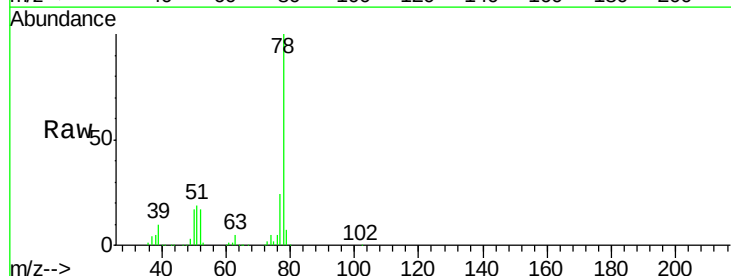
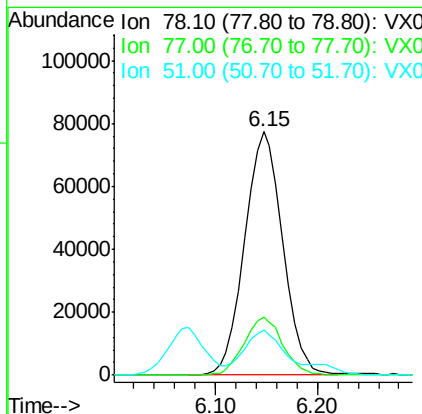
RT: 6.15 min Scan# 912

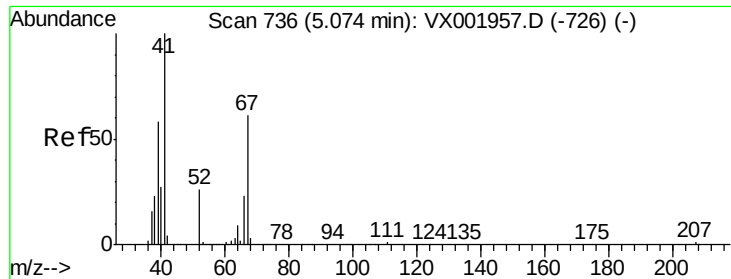
Delta R.T. -0.01 min

Lab File: VX002396.D

Acq: 08 Jun 2018 12:28

Tgt Ion:	78	Resp:	200618
Ion Ratio	Lower	Upper	
78	100		
77	24.0	19.4	29.0
51	16.3	13.8	20.6





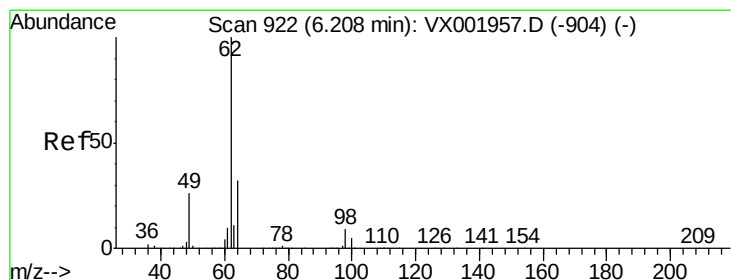
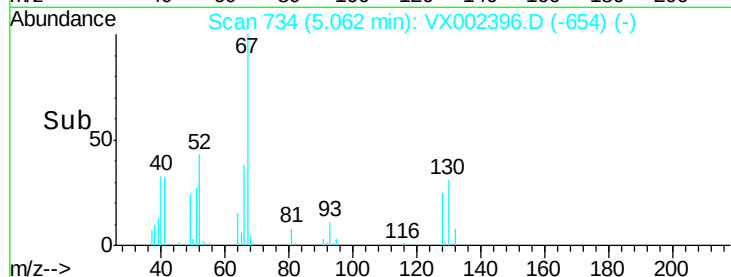
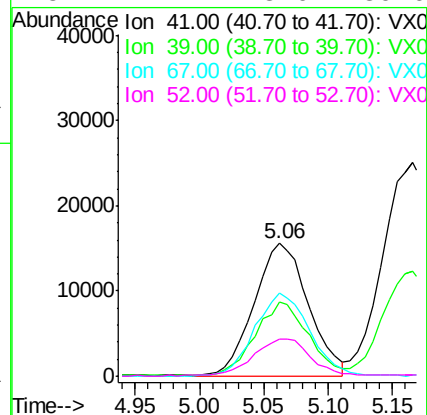
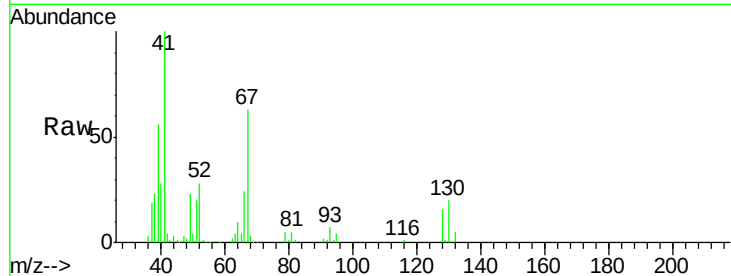
#35
Methacrylonitrile
Concen: 17.69 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002396.D
Acq: 08 Jun 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBSD01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	55.2	28.8	86.5
67	62.7	30.4	91.2
52	27.1	13.0	39.0

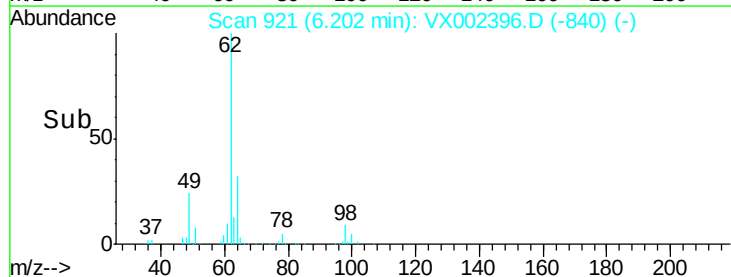
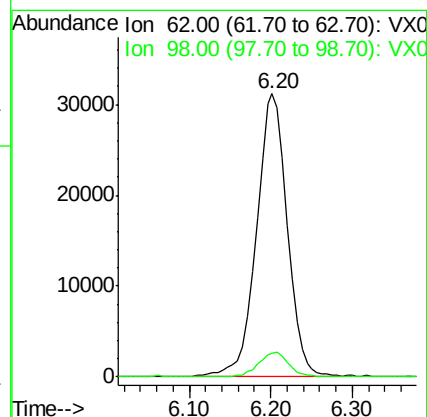
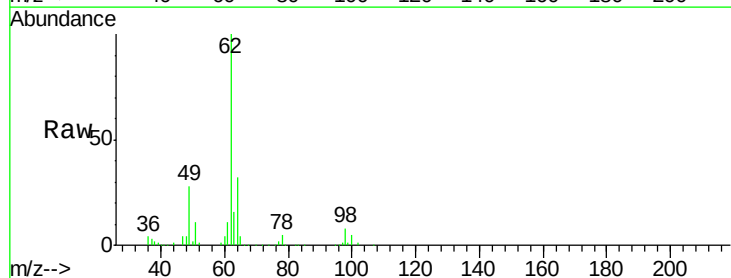
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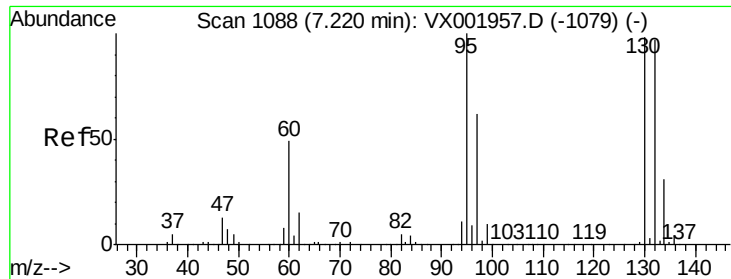
MMDadoda
6/11/2018 9:30:18 AM



#36
1,2-Dichloroethane
Concen: 21.10 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX002396.D
Acq: 08 Jun 2018 12:28

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.6	6.5	9.7





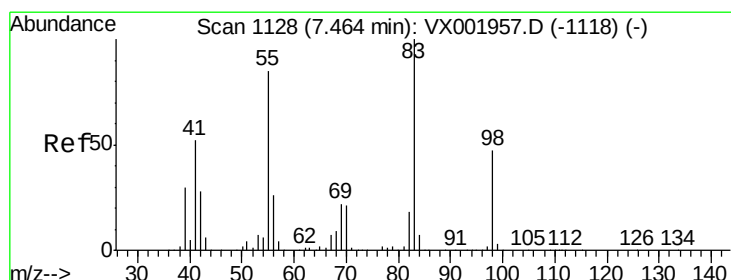
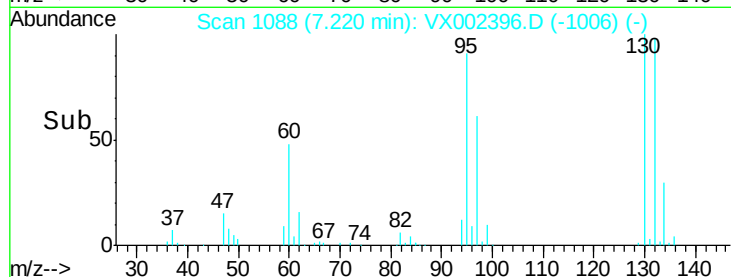
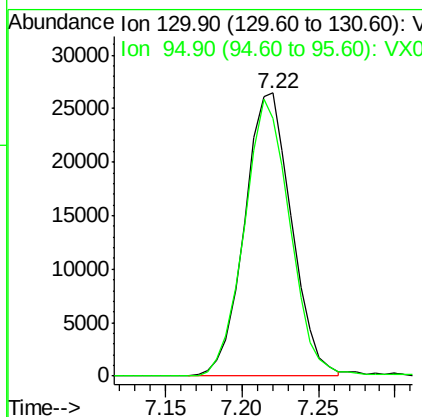
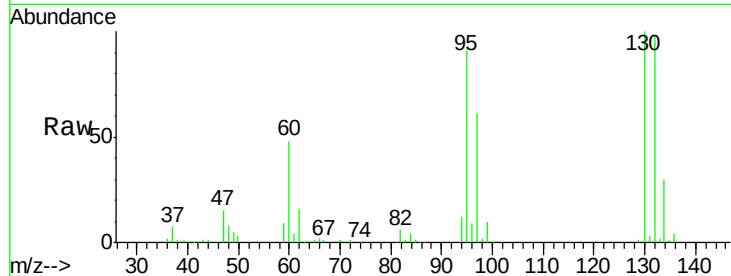
#37
 Trichloroethene
 Concen: 19.91 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX002396.D
 Acq: 08 Jun 2018 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBSD01

Tgt Ion:130 Resp: 56546
 Ion Ratio Lower Upper
 130 100
 95 91.2 81.5 122.3

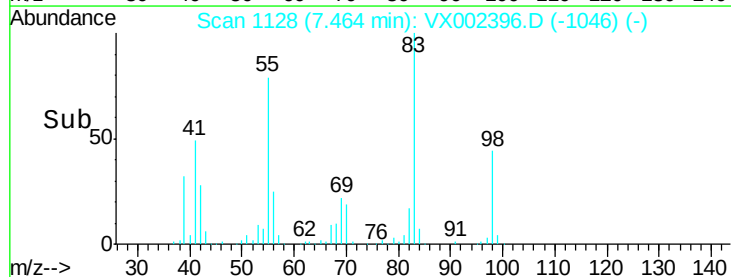
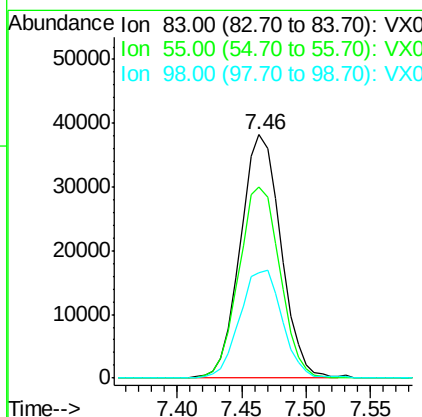
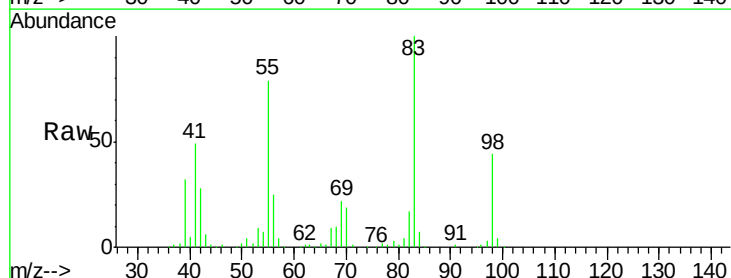
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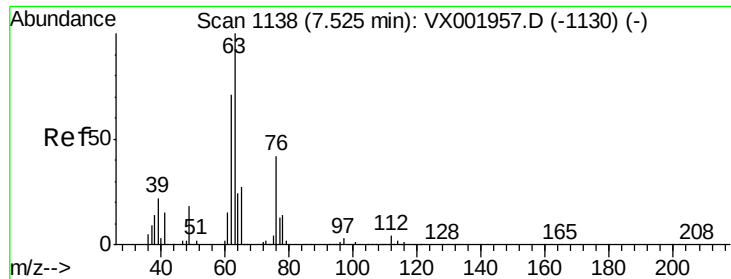
MMDadoda
 6/11/2018 9:30:18 AM



#38
 Methylcyclohexane
 Concen: 21.56 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VX002396.D
 Acq: 08 Jun 2018 12:28

Tgt Ion: 83 Resp: 83396
 Ion Ratio Lower Upper
 83 100
 55 79.9 40.6 121.8
 98 46.2 23.5 70.5





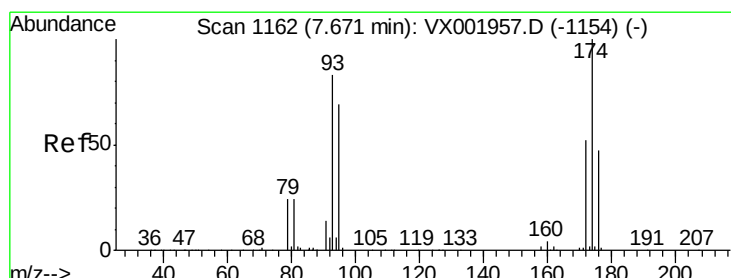
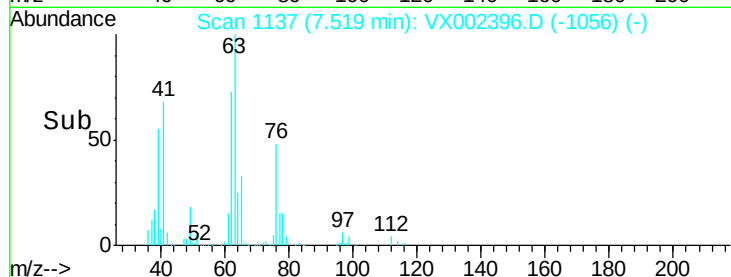
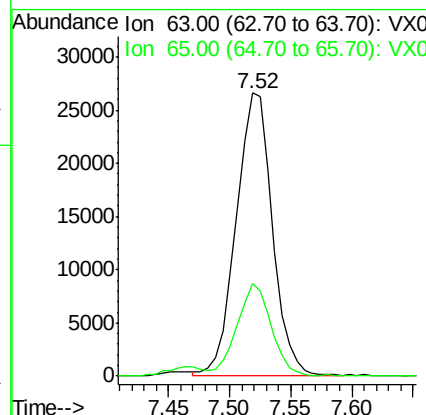
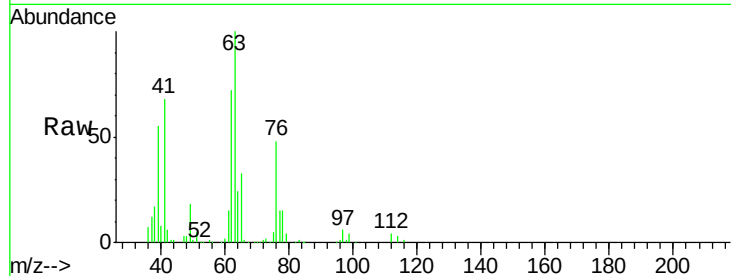
#39
 1,2-Dichloropropane
 Concen: 20.06 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX002396.D
 Acq: 08 Jun 2018 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBSD01

Tgt Ion: 63 Resp: 54320
 Ion Ratio Lower Upper
 63 100
 65 32.9 23.3 34.9

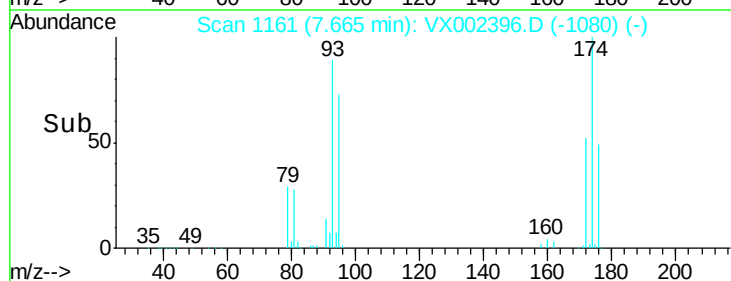
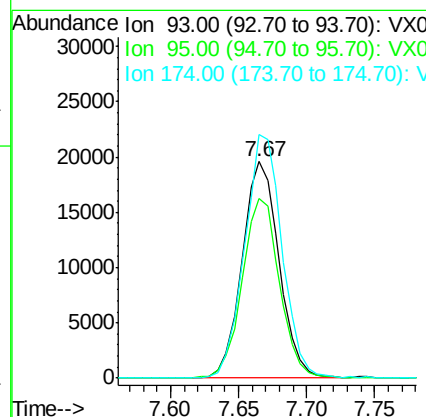
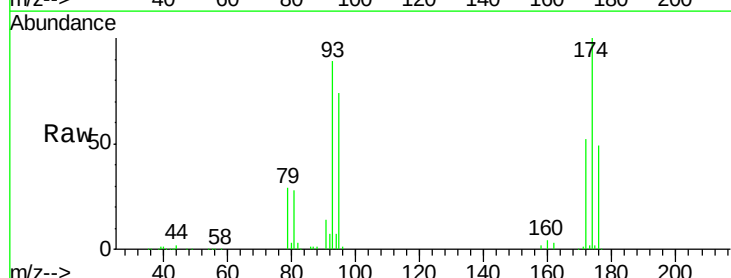
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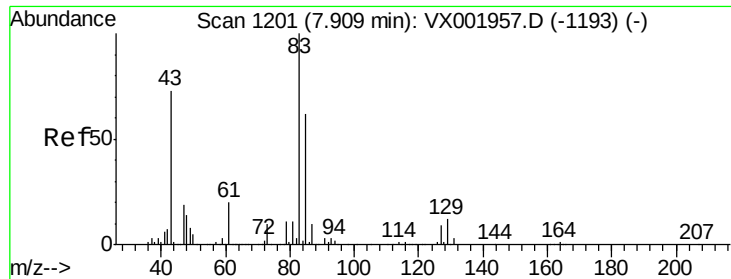
MMDadoda
 6/11/2018 9:30:18 AM



#40
 Dibromomethane
 Concen: 20.52 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX002396.D
 Acq: 08 Jun 2018 12:28

Tgt Ion: 93 Resp: 37280
 Ion Ratio Lower Upper
 93 100
 95 83.6 0.0 162.6
 174 114.1 0.0 229.4





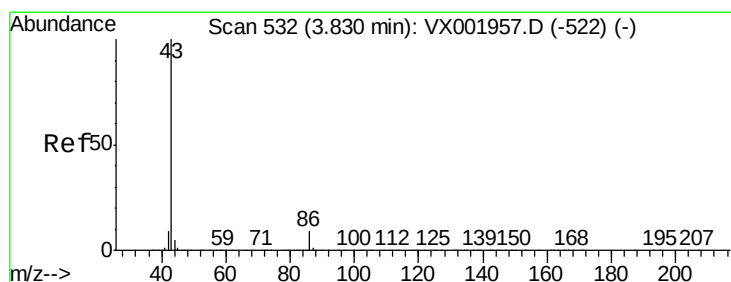
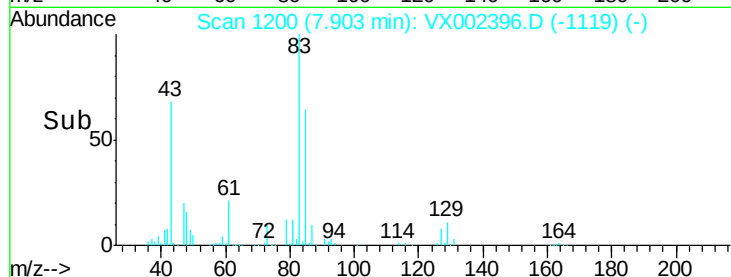
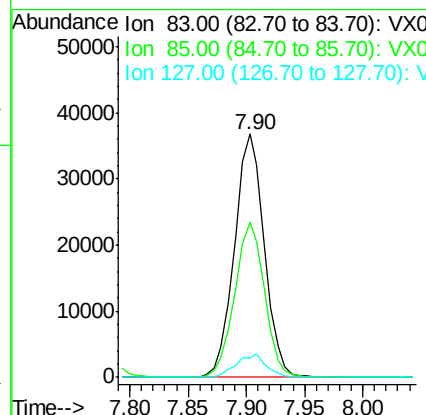
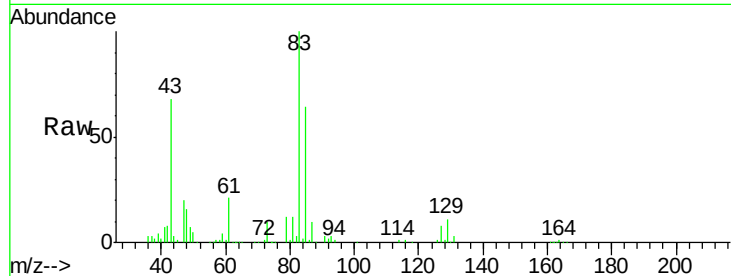
#41
Bromodichloromethane
Concen: 17.36 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.01 min
Lab File: VX002396.D
Acq: 08 Jun 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	49.8	74.8
127	8.2	7.3	10.9

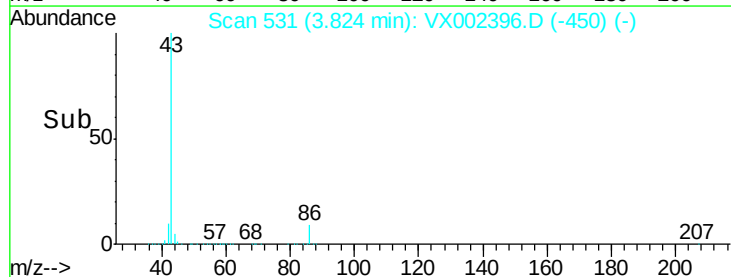
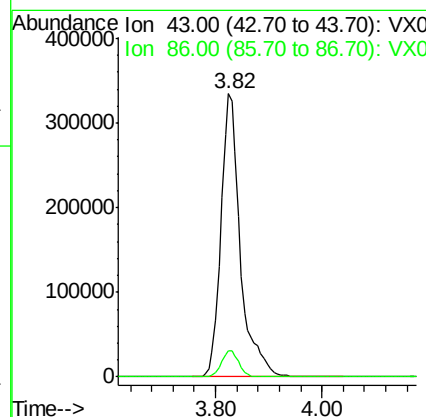
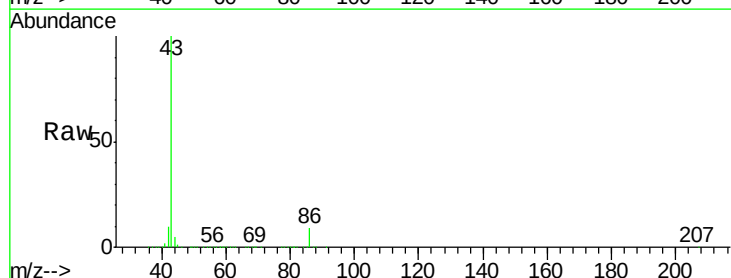
Manual Integrations
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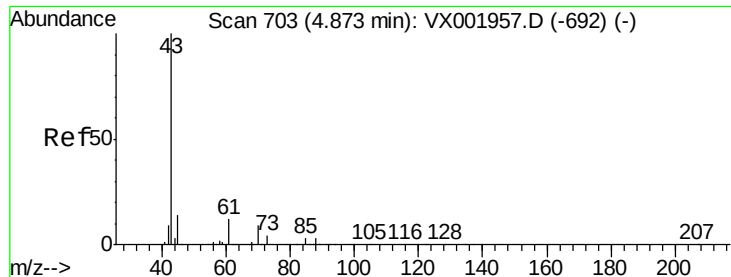
MMDadoda
6/11/2018 9:30:18 AM



#42
Vinyl Acetate
Concen: 116.14 ug/l
RT: 3.82 min Scan# 531
Delta R.T. -0.01 min
Lab File: VX002396.D
Acq: 08 Jun 2018 12:28

Tgt Ion	Ratio	Lower	Upper
43	100		
86	8.3	6.7	10.1





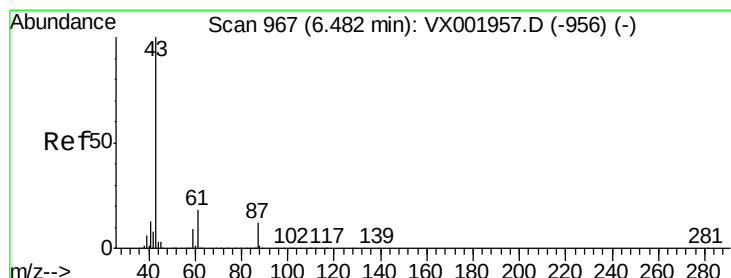
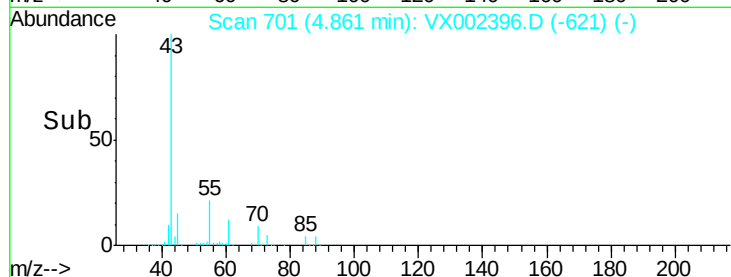
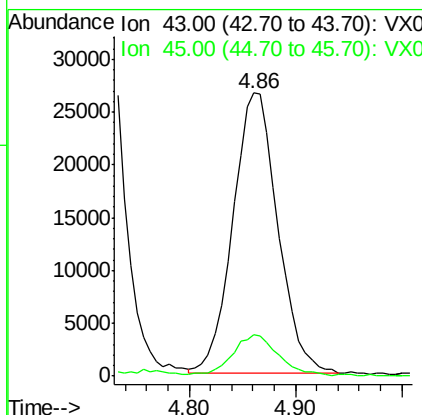
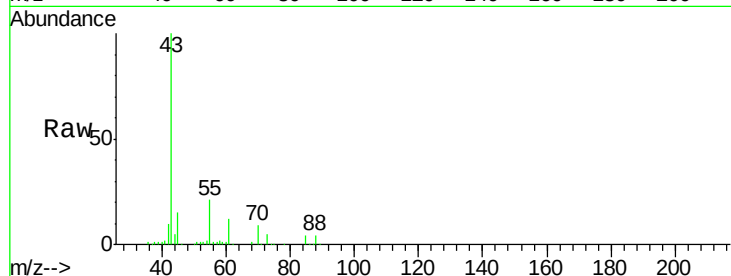
#43
Ethyl Acetate
Concen: 17.26 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002396.D
Acq: 08 Jun 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBSD01

Tgt Ion: 43 Resp: 78364
Ion Ratio Lower Upper
43 100
45 14.5 11.0 16.4

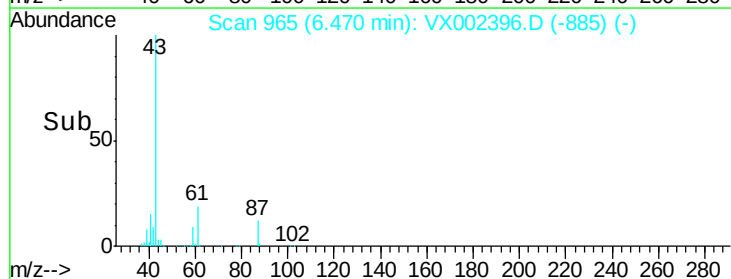
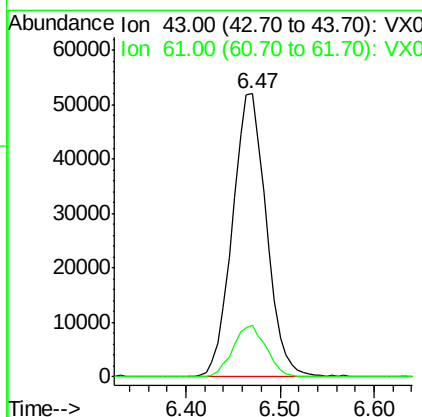
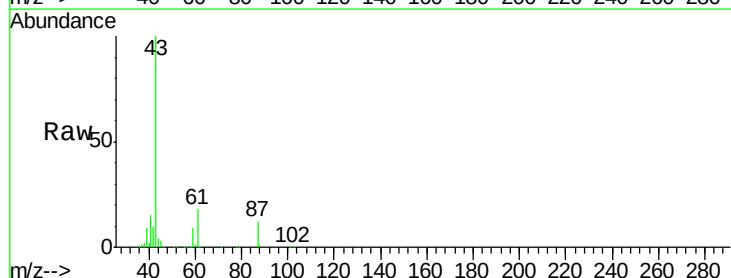
Manual Integrations
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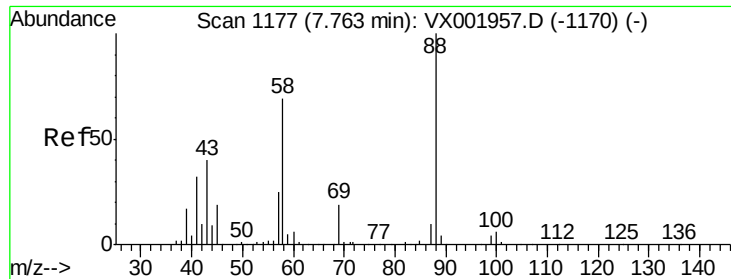
MMDadoda
6/11/2018 9:30:18 AM



#44
Isopropyl Acetate
Concen: 17.29 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX002396.D
Acq: 08 Jun 2018 12:28

Tgt Ion: 43 Resp: 130555
Ion Ratio Lower Upper
43 100
61 18.1 14.5 21.7





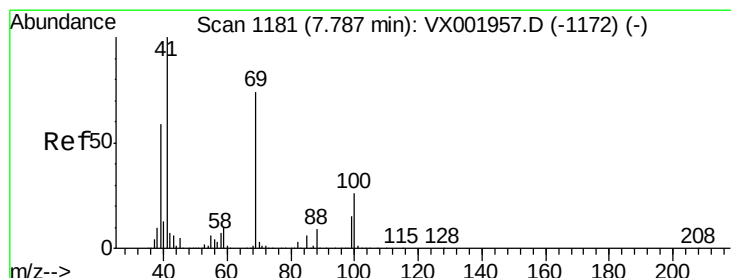
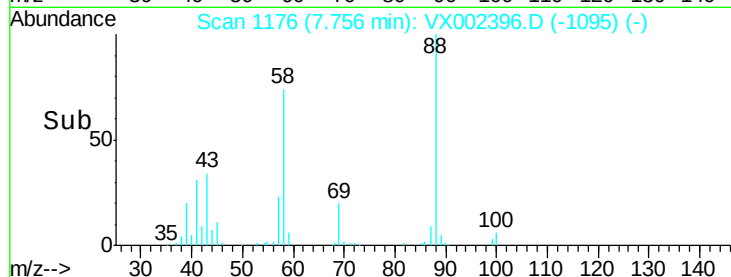
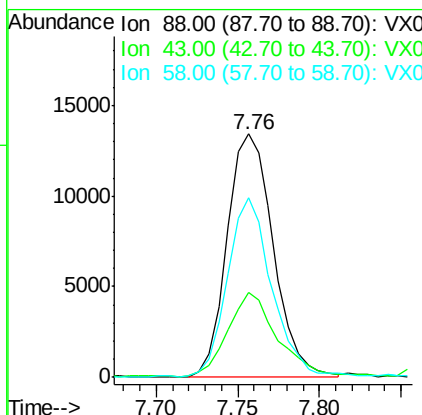
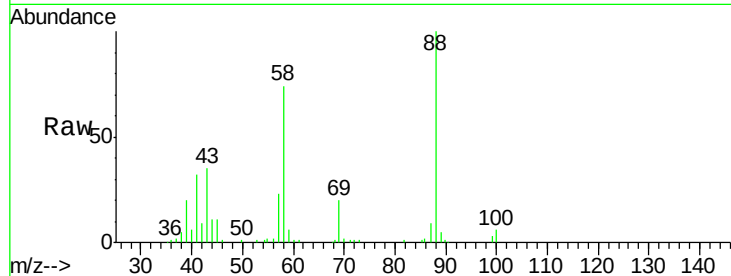
#45
 1,4-Dioxane
 Concen: 369.10 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: VX002396.D
 Acq: 08 Jun 2018 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBSD01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	36.1	43.2	64.8#
58	70.5	60.2	90.2

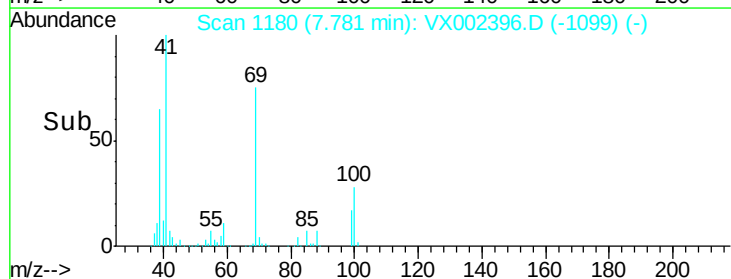
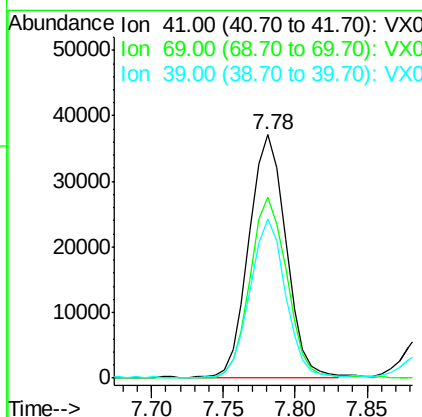
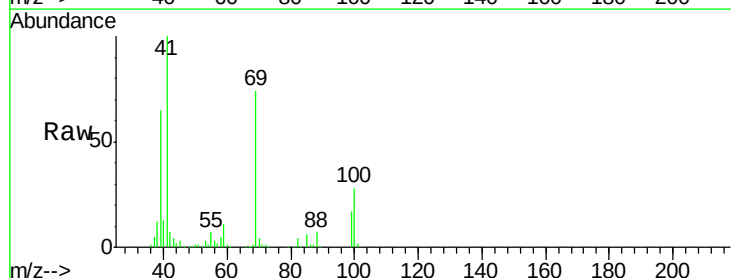
Manual Integrations
 APPROVED

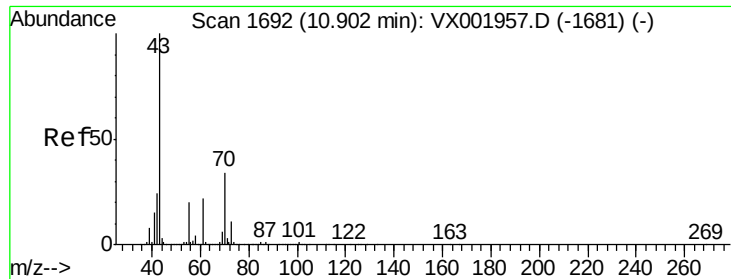
MMDadoda
 6/11/2018 9:30:18 AM



#46
 Methyl methacrylate
 Concen: 17.24 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VX002396.D
 Acq: 08 Jun 2018 12:28

Tgt Ion	Ratio	Lower	Upper
41	100		
69	74.5	37.0	110.9
39	65.3	29.6	88.9





#47

n-amyI Acetate

Concen: 17.16 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX002396.D

Acq: 08 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBSD01

Tgt Ion: 43 Resp: 119203

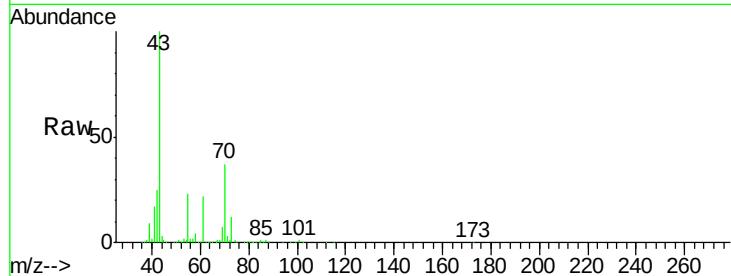
Ion Ratio Lower Upper

43 100

55 23.6 0.1 0.1#

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

10.90

120000

100000

80000

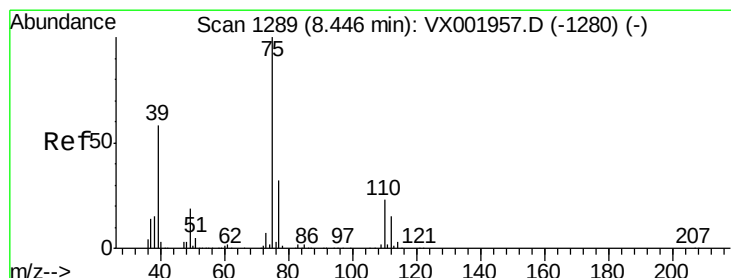
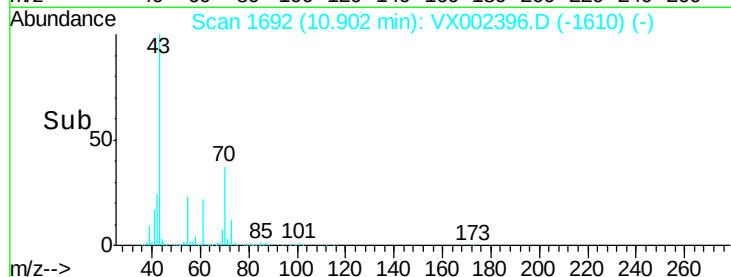
60000

40000

20000

0

Time-->



#48

t-1,3-Dichloropropene

Concen: 18.19 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX002396.D

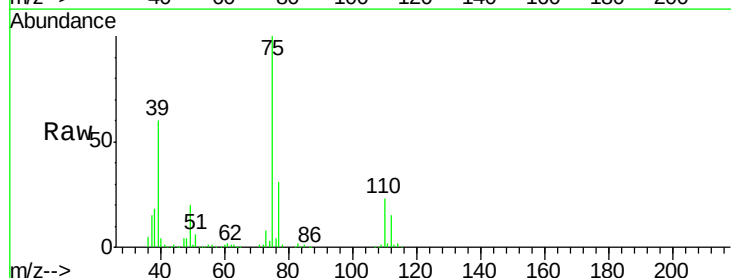
Acq: 08 Jun 2018 12:28

Tgt Ion: 75 Resp: 77023

Ion Ratio Lower Upper

75 100

77 31.0 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

8.44

50000

40000

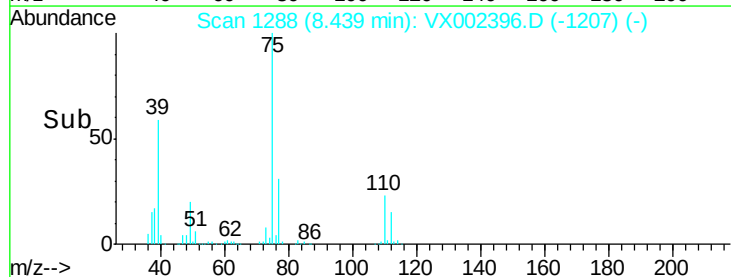
30000

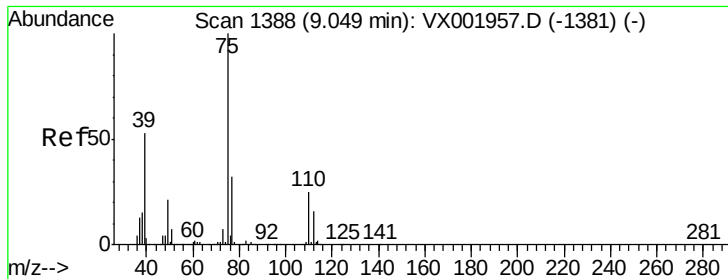
20000

10000

0

Time-->





#49

cis-1,3-Dichloropropene

Concen: 17.28 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002396.D

Acq: 08 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBSD01

Tgt Ion: 75 Resp: 70829

Ion Ratio Lower Upper

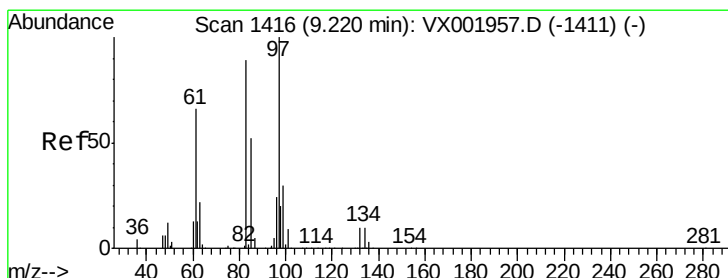
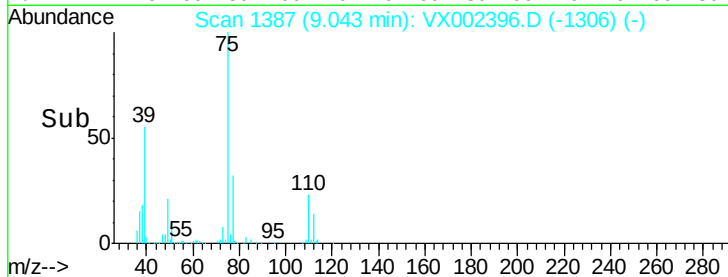
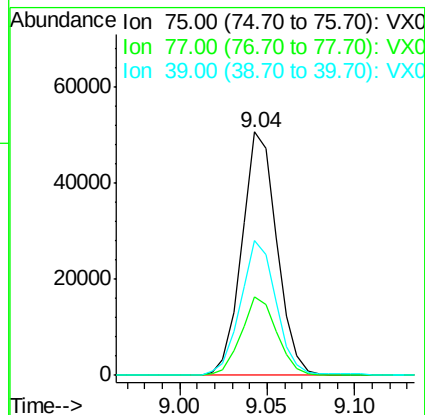
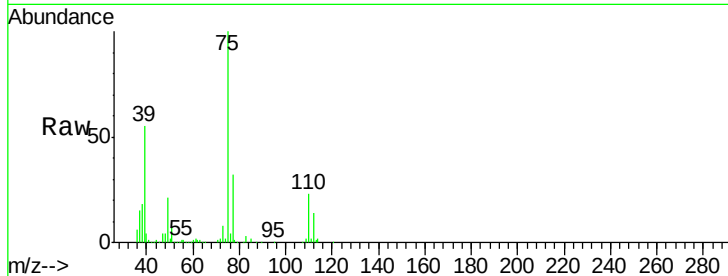
75 100

77 32.2 25.4 38.2

39 54.8 42.3 63.5

Manual Integrations
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6/11/2018 9:30:18 AM



#50

1,1,2-Trichloroethane

Concen: 21.26 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX002396.D

Acq: 08 Jun 2018 12:28

Tgt Ion: 97 Resp: 55436

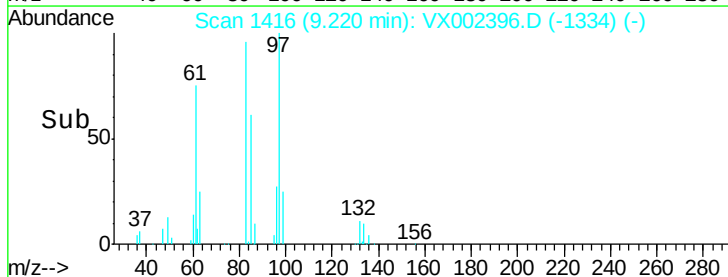
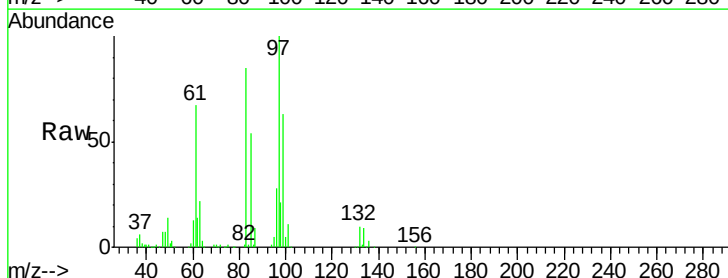
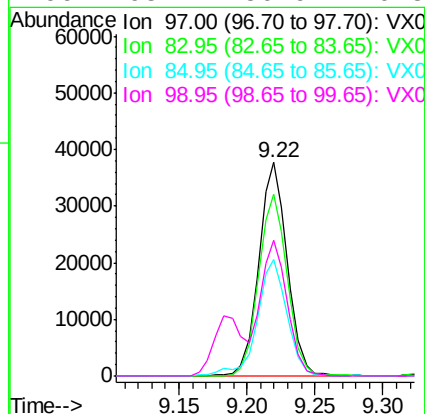
Ion Ratio Lower Upper

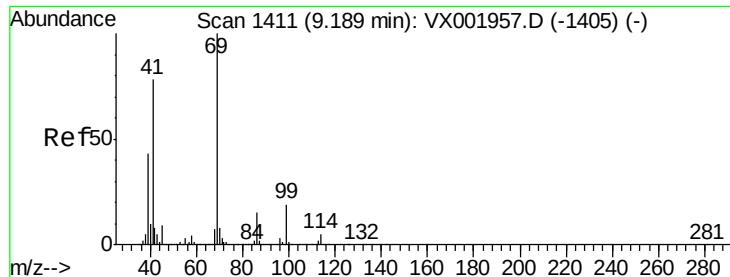
97 100

83 85.3 70.8 106.2

85 54.4 43.5 65.3

99 63.2 50.9 76.3





#51

Ethyl methacrylate

Concen: 18.63 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX002396.D

Acq: 08 Jun 2018 12:28

Instrument :

MSVOA_X

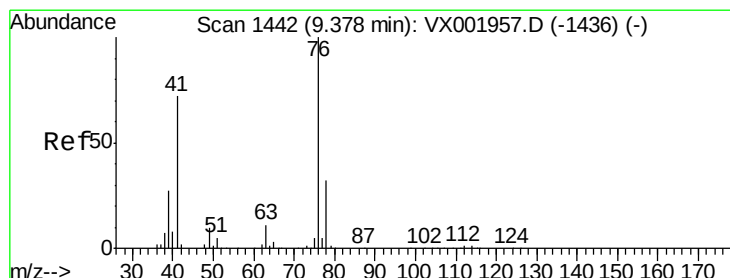
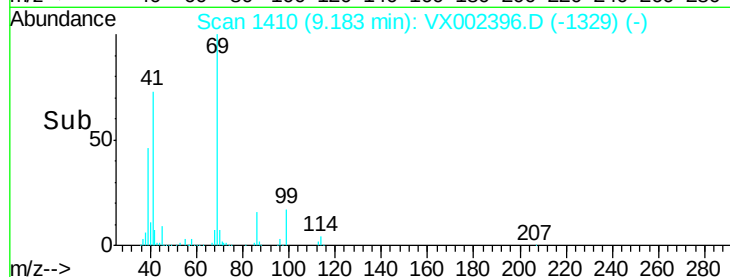
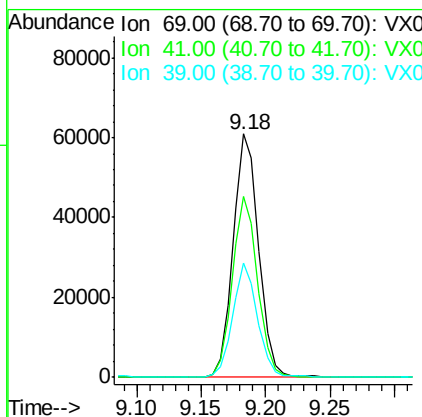
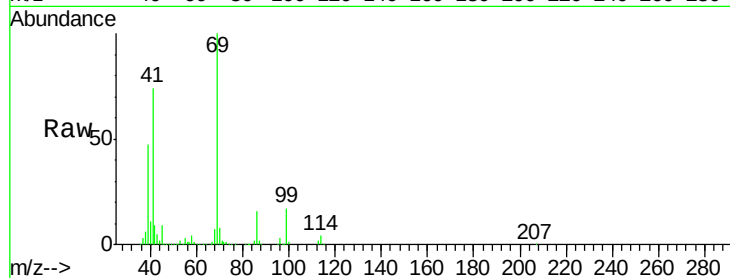
ClientSampleId :

VX0608WBSD01

Tgt Ion:	69	Resp:	84145
Ion	Ratio	Lower	Upper
69	100		
41	73.8	39.1	117.3
39	46.9	21.7	65.1

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 20.73 ug/l

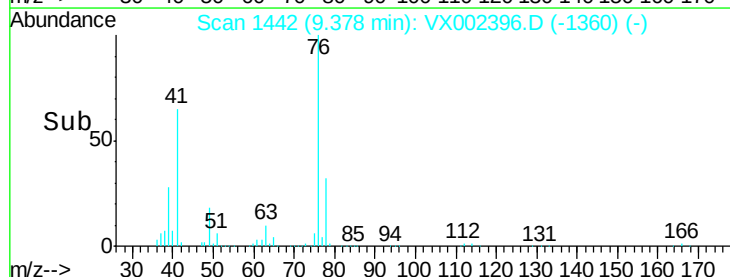
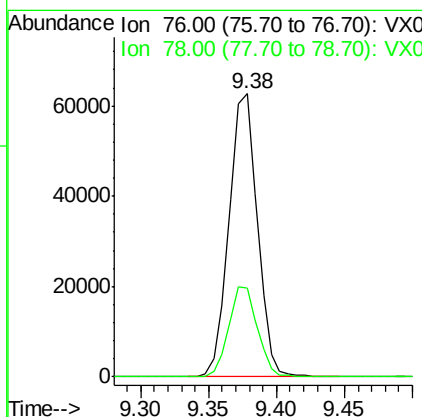
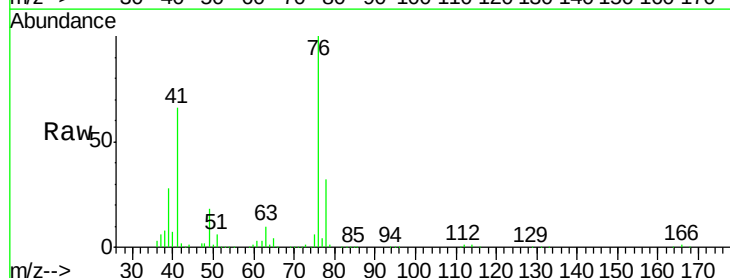
RT: 9.38 min Scan# 1442

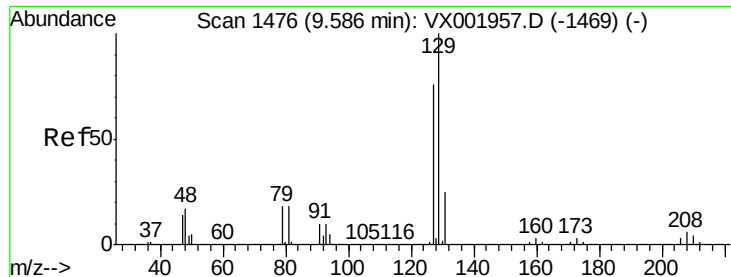
Delta R.T. -0.00 min

Lab File: VX002396.D

Acq: 08 Jun 2018 12:28

Tgt Ion:	76	Resp:	91167
Ion	Ratio	Lower	Upper
76	100		
78	32.3	0.0	63.4





#53

Dibromochloromethane

Concen: 16.05 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX002396.D

Acq: 08 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBSD01

Tgt Ion:129 Resp: 51134

Ion Ratio Lower Upper

129 100

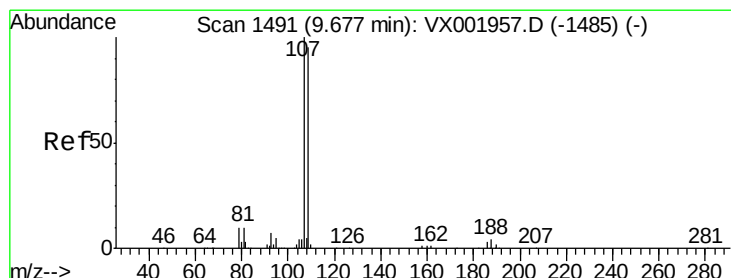
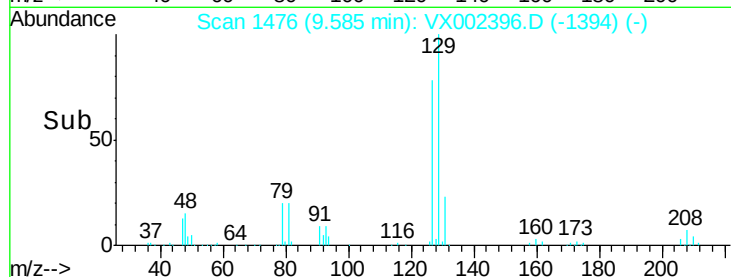
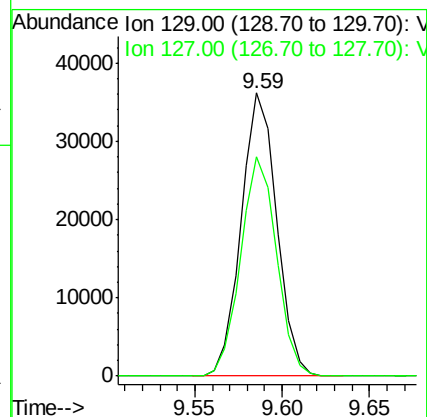
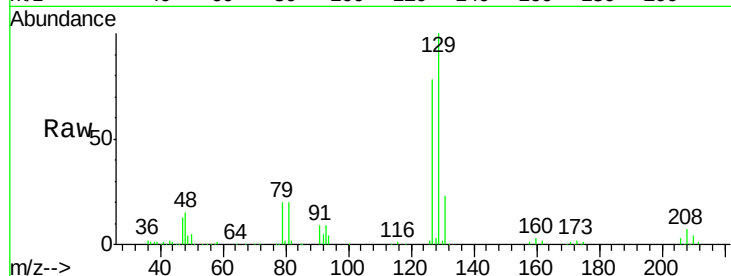
127 78.4 38.5 115.3

Manual Integrations

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6/11/2018 9:30:18 AM



#54

1,2-Dibromoethane

Concen: 20.31 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002396.D

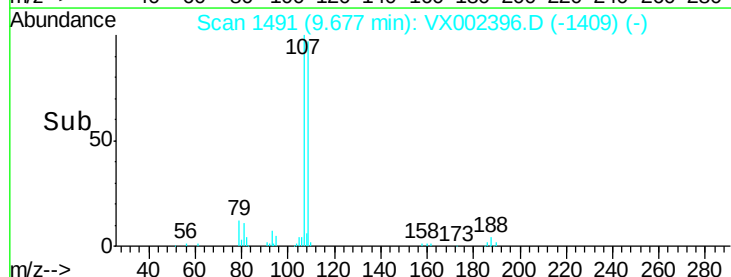
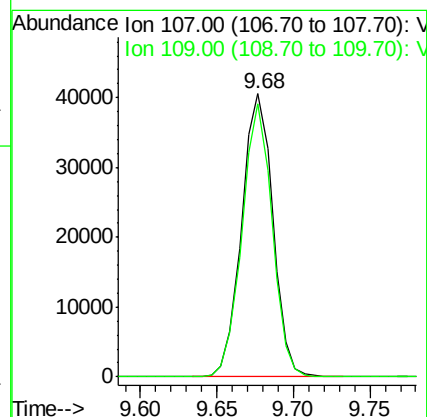
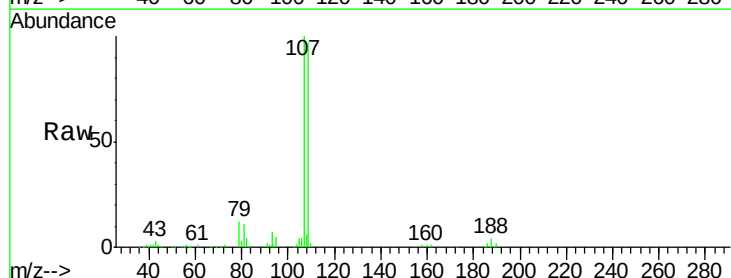
Acq: 08 Jun 2018 12:28

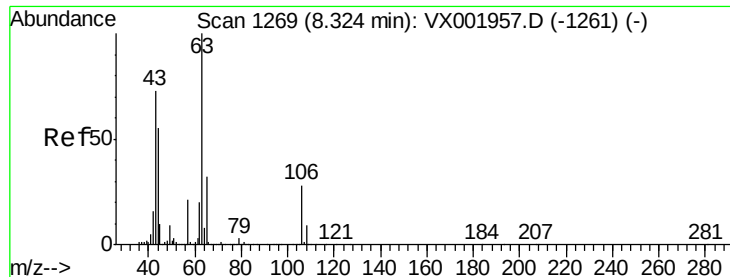
Tgt Ion:107 Resp: 57326

Ion Ratio Lower Upper

107 100

109 93.3 75.5 113.3





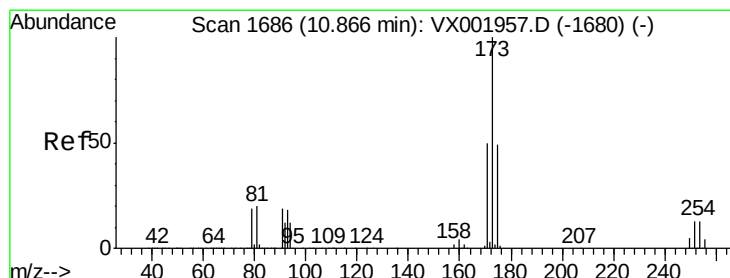
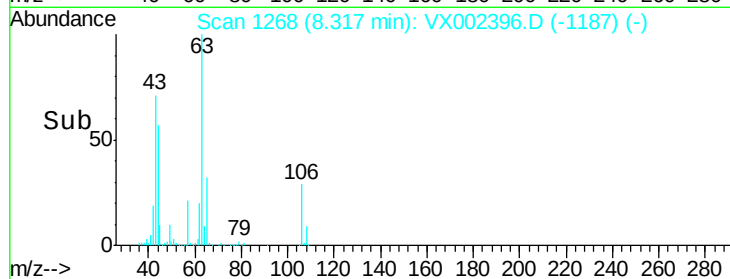
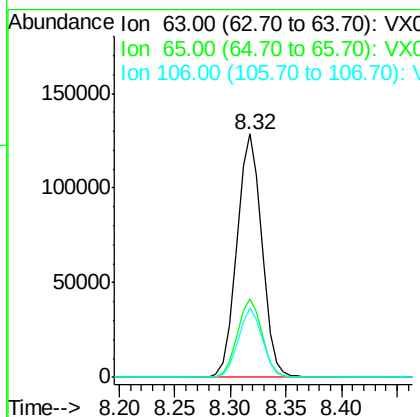
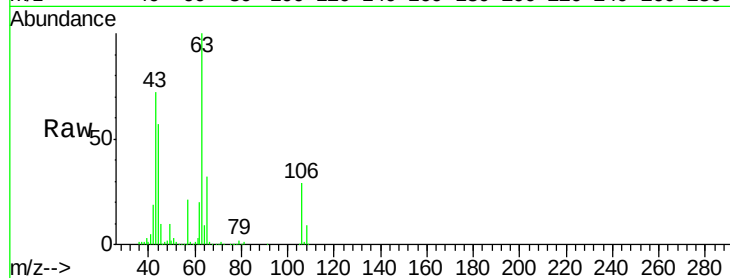
#55
2-Chloroethyl vinyl ether
Concen: 94.11 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VX002396.D
Acq: 08 Jun 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBSD01

Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.6	38.4
106	27.5	21.6	32.4

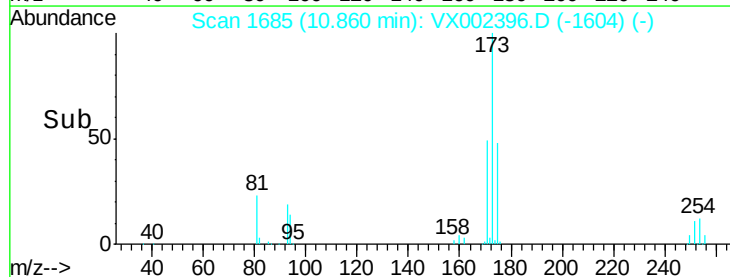
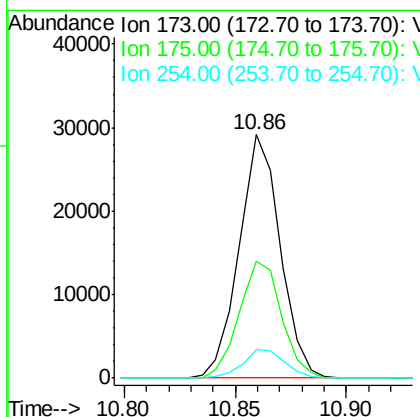
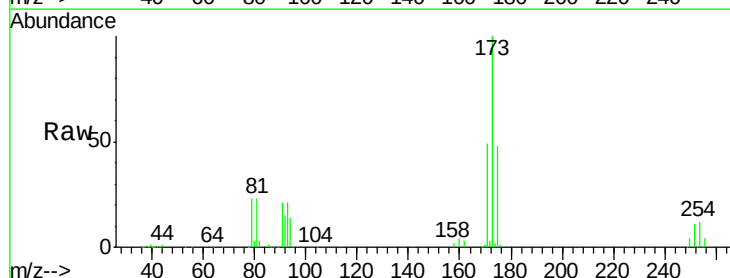
Manual Integrations
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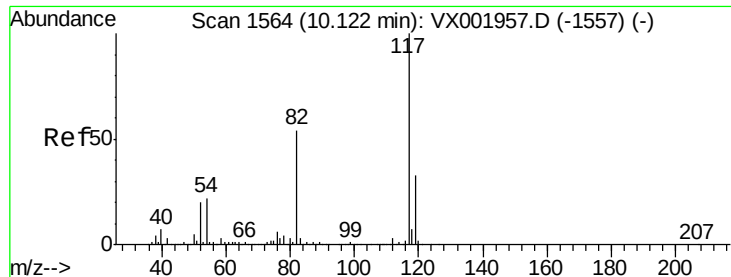
MMDadoda
6/11/2018 9:30:18 AM



#56
Bromoform
Concen: 13.38 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VX002396.D
Acq: 08 Jun 2018 12:28

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.9	39.0	58.4
254	12.1	9.6	14.4





#57

Chlorobenzene-d5

Concen: 30.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VX002396.D

Acq: 08 Jun 2018 12:28

Instrument :

MSVOA_X

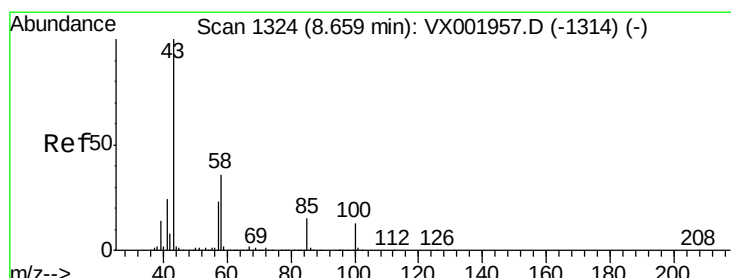
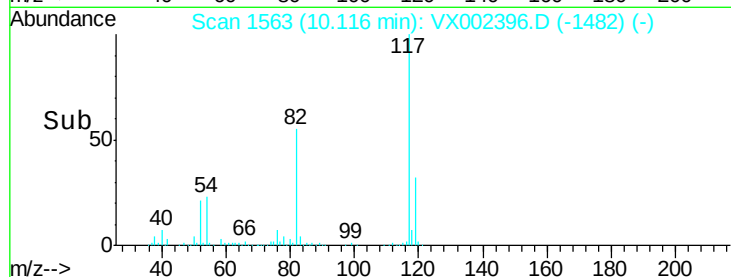
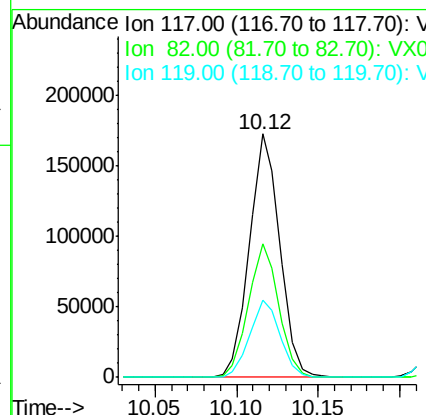
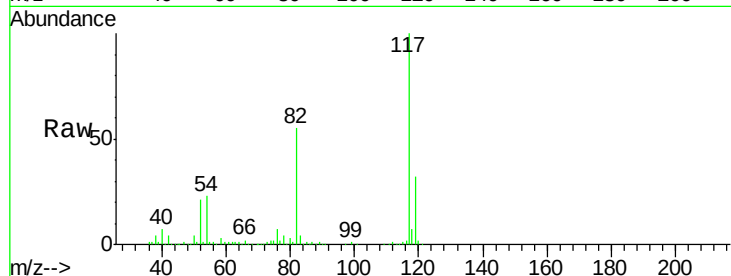
ClientSampleId :

VX0608WBSD01

Tgt Ion:	117	Resp:	224630
Ion	Ratio	Lower	Upper
117	100		
82	54.5	44.3	66.5
119	32.0	25.7	38.5

Manual Integrations
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6/11/2018 9:30:18 AM



#58

4-Methyl-2-Pentanone

Concen: 86.01 ug/l

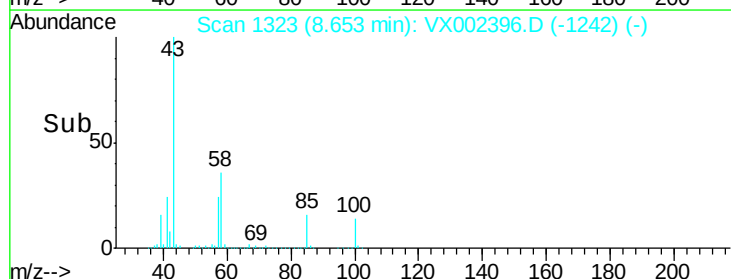
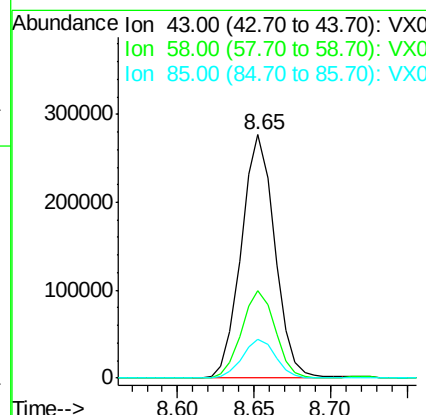
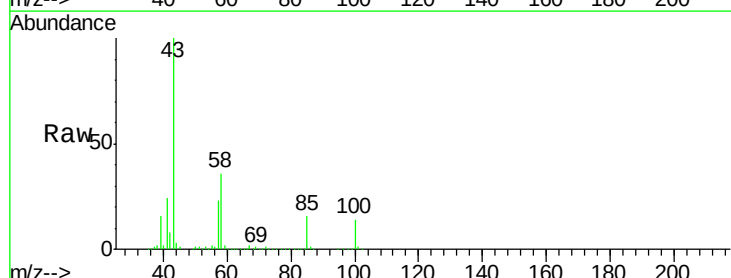
RT: 8.65 min Scan# 1323

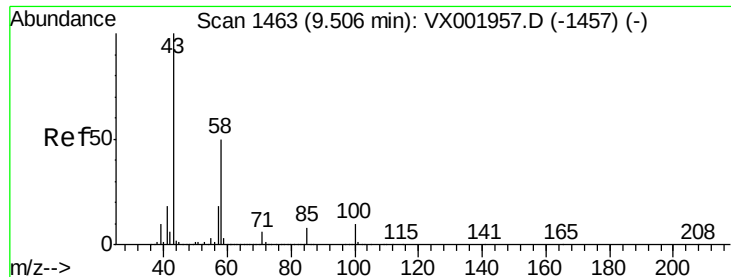
Delta R.T. -0.01 min

Lab File: VX002396.D

Acq: 08 Jun 2018 12:28

Tgt Ion:	43	Resp:	420463
Ion	Ratio	Lower	Upper
43	100		
58	36.1	28.2	42.4
85	16.2	12.4	18.6





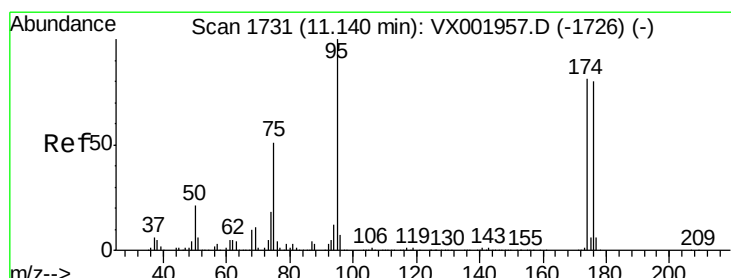
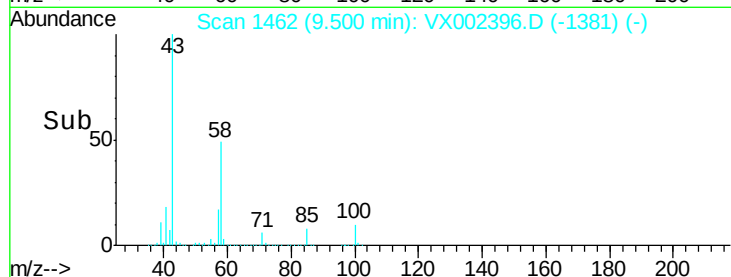
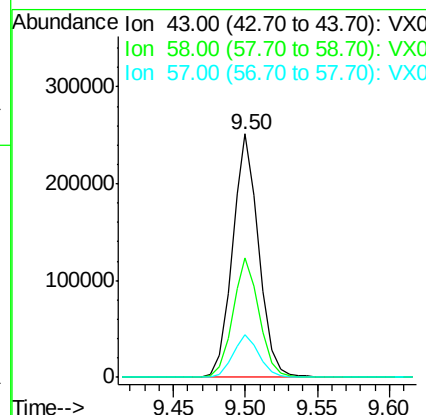
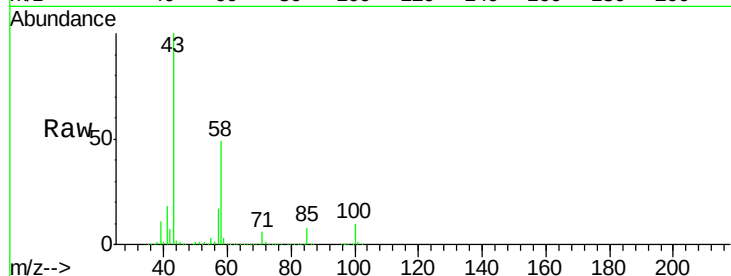
#59
2-Hexanone
Concen: 84.29 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002396.D
Acq: 08 Jun 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	49.7	39.6	59.4
57	17.7	14.1	21.1

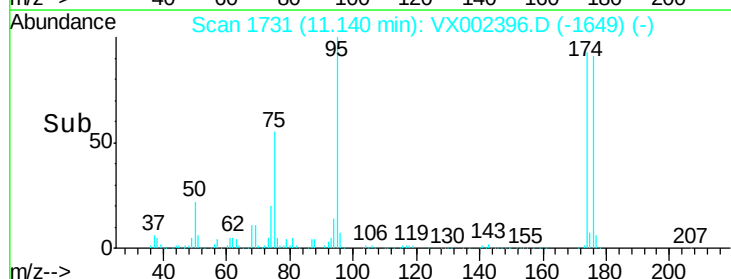
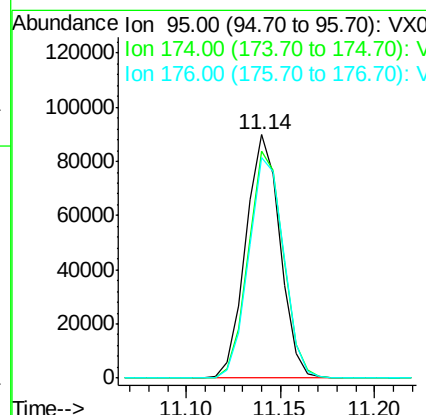
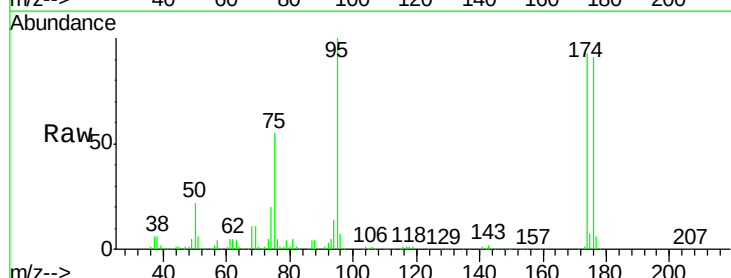
Manual Integrations
APPROVED

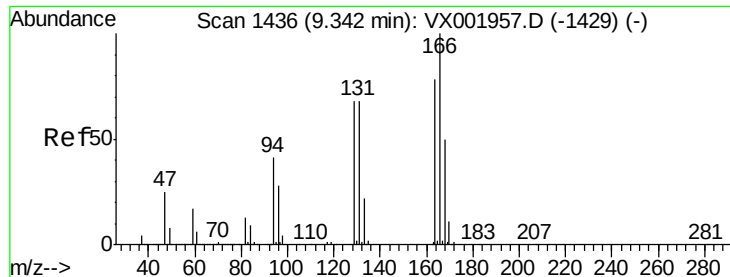
MMDadoda
6/11/2018 9:30:18 AM



#60
4-Bromofluorobenzene
Concen: 29.53 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002396.D
Acq: 08 Jun 2018 12:28

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.4	71.8	107.6
176	92.5	70.1	105.1





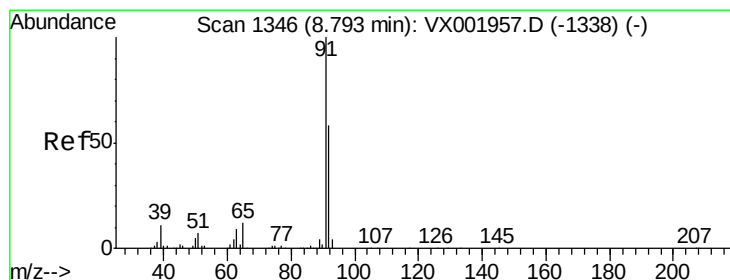
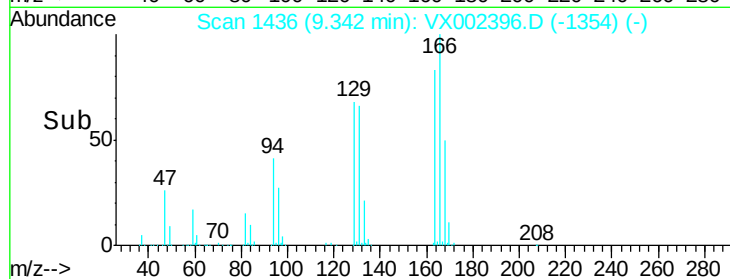
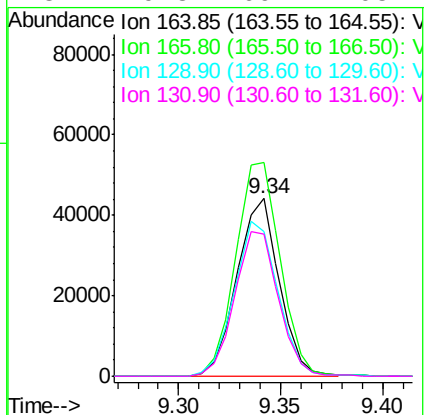
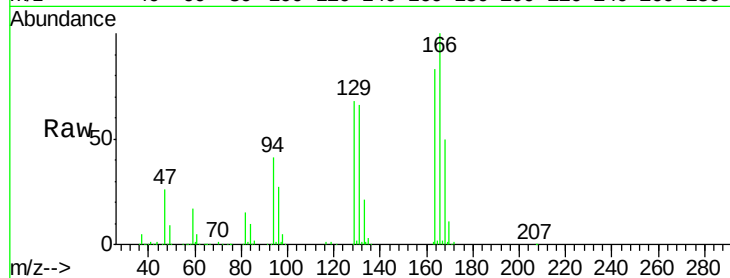
#61
Tetrachloroethene
Concen: 18.60 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002396.D
Acq: 08 Jun 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBSD01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	120.1	102.4	153.6
129	81.3	70.1	105.1
131	79.8	69.1	103.7

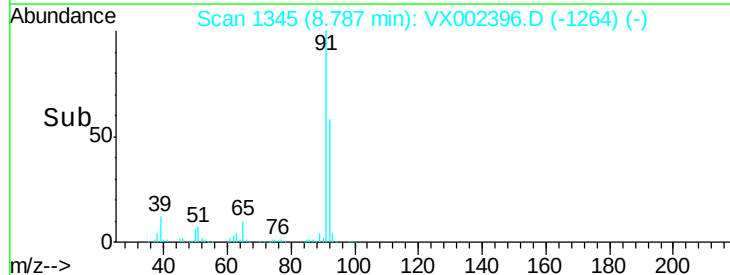
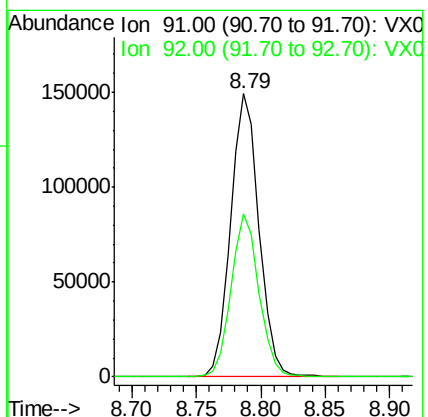
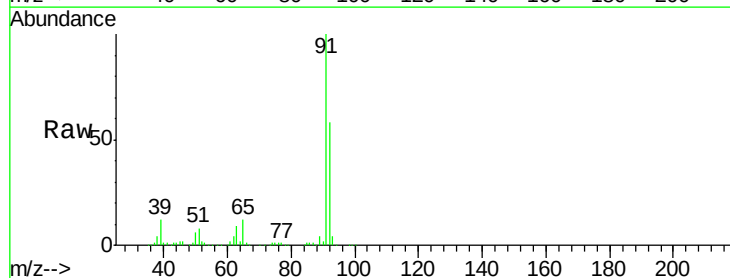
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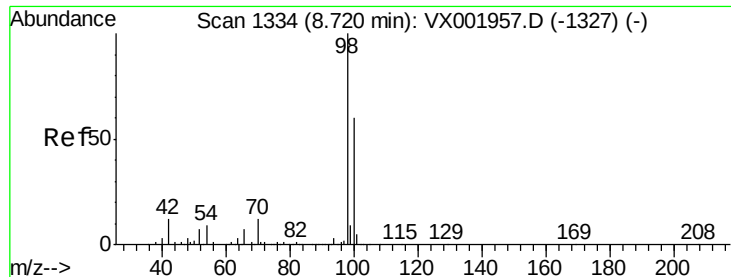
MMDadoda
6/11/2018 9:30:18 AM



#62
Toluene
Concen: 19.97 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VX002396.D
Acq: 08 Jun 2018 12:28

Tgt Ion	Ratio	Lower	Upper
91	100		
92	56.4	46.5	69.7





#63

Toluene-d8

Concen: 27.86 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002396.D

Acq: 08 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBSD01

Tgt Ion: 98 Resp: 278927

Ion Ratio Lower Upper

98 100

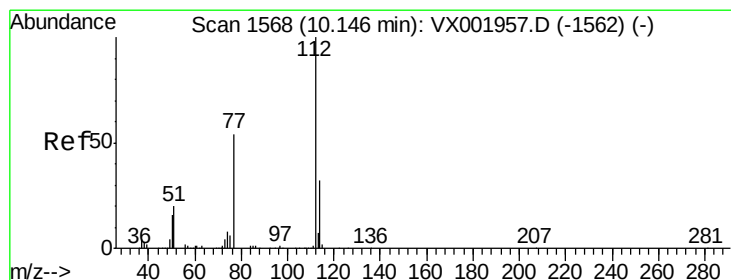
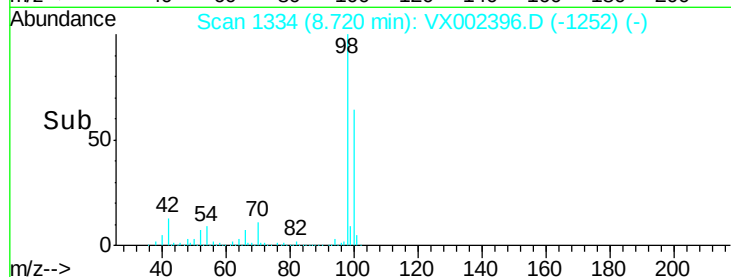
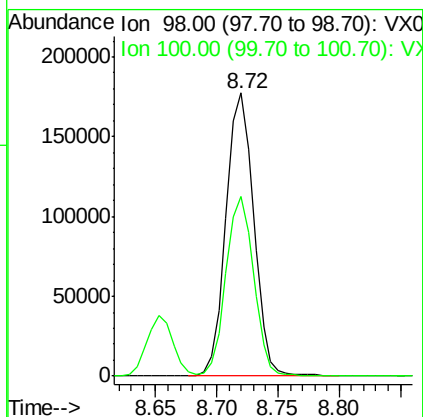
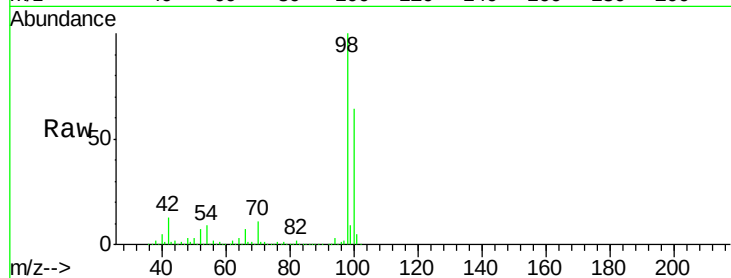
100 63.4 50.8 76.2

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#64

Chlorobenzene

Concen: 20.33 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX002396.D

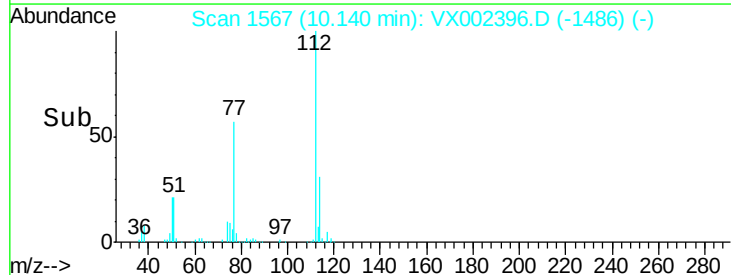
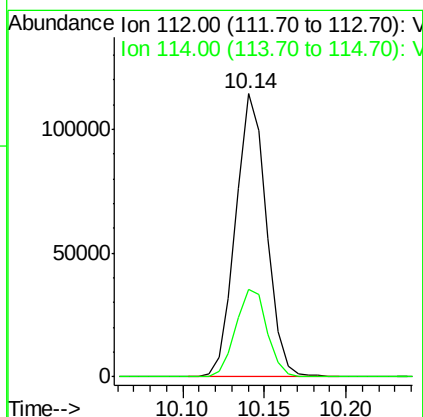
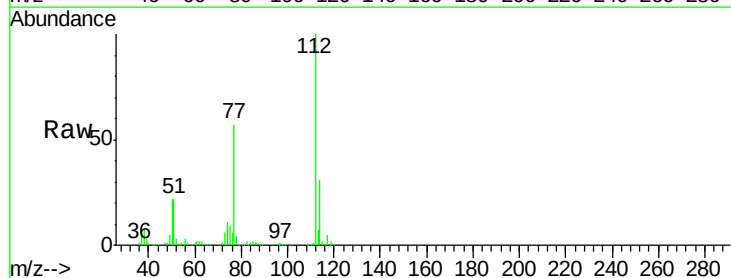
Acq: 08 Jun 2018 12:28

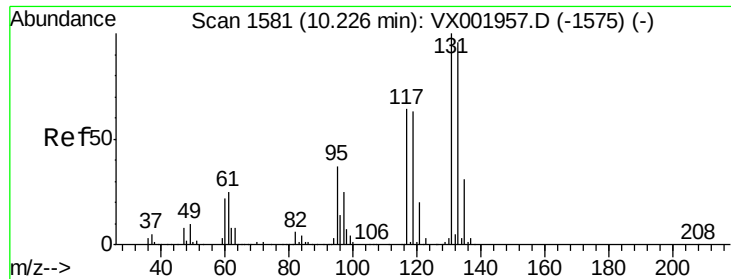
Tgt Ion: 112 Resp: 150940

Ion Ratio Lower Upper

112 100

114 31.2 25.6 38.4





#65

1,1,1,2-Tetrachloroethane

Concen: 17.68 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002396.D

Acq: 08 Jun 2018 12:28

Instrument :

MSVOA_X

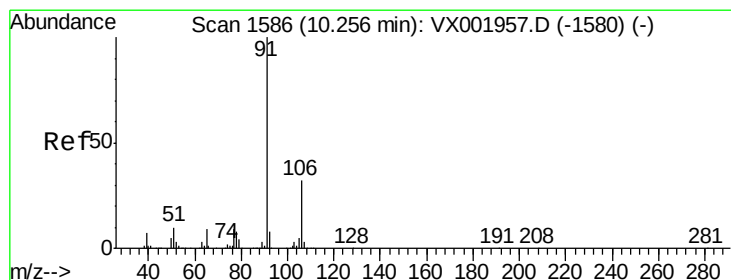
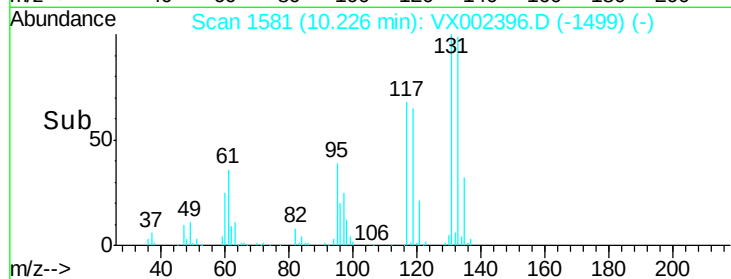
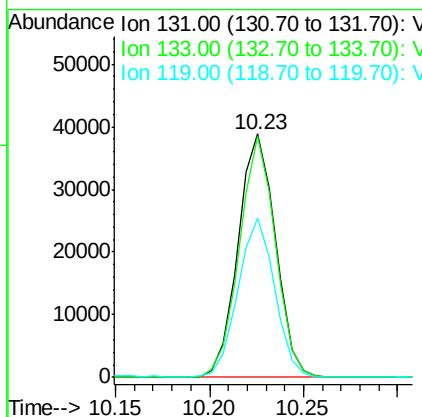
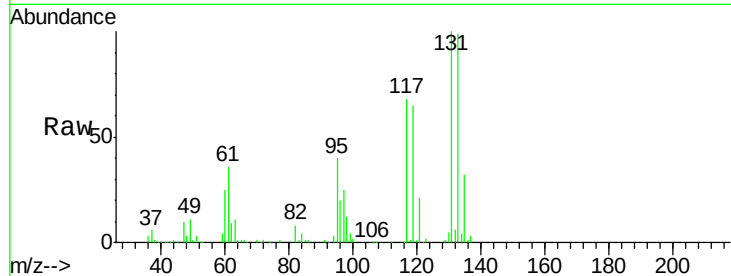
ClientSampleId :

VX0608WBSD01

Tgt Ion:	131	Resp:	53419
Ion	Ratio	Lower	Upper
131	100		
133	95.4	0.0	191.2
119	64.4	0.0	125.4

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#66

Ethyl Benzene

Concen: 19.87 ug/l

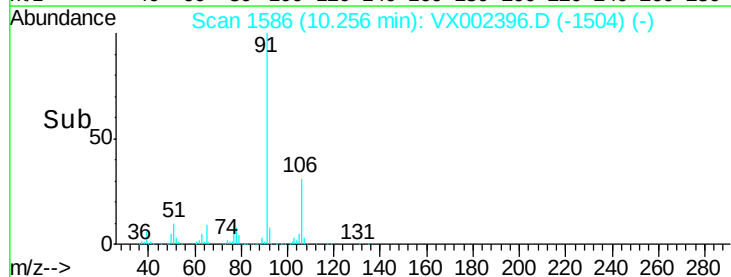
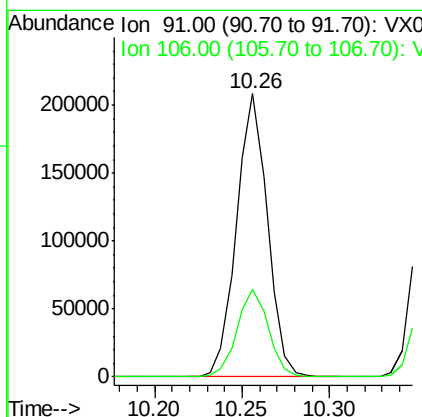
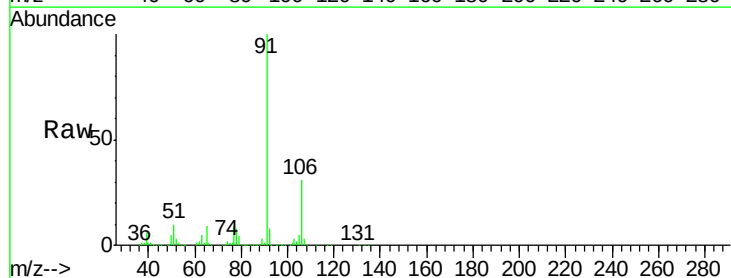
RT: 10.26 min Scan# 1586

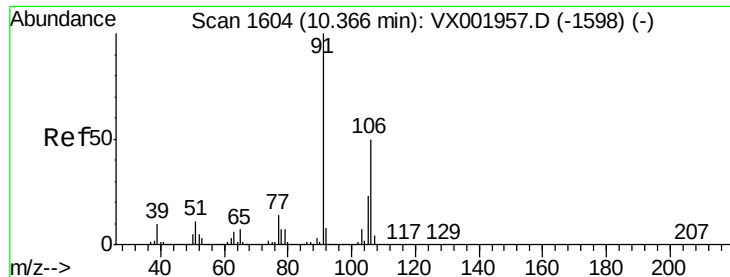
Delta R.T. -0.00 min

Lab File: VX002396.D

Acq: 08 Jun 2018 12:28

Tgt Ion:	91	Resp:	256239
Ion	Ratio	Lower	Upper
91	100		
106	31.1	25.2	37.8





#67

m/p-Xylenes

Concen: 40.96 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX002396.D

Acq: 08 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBSD01

Tgt Ion:106 Resp: 200463

Ion Ratio Lower Upper

106 100

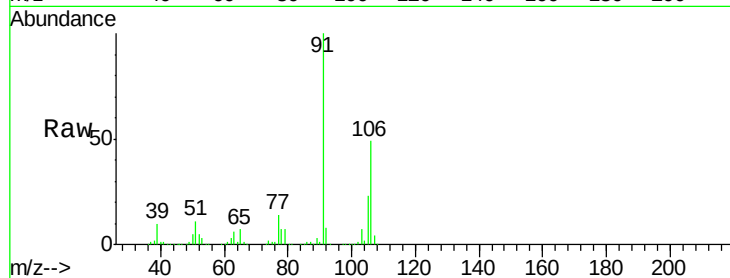
91 202.5 164.1 246.1

Manual Integrations

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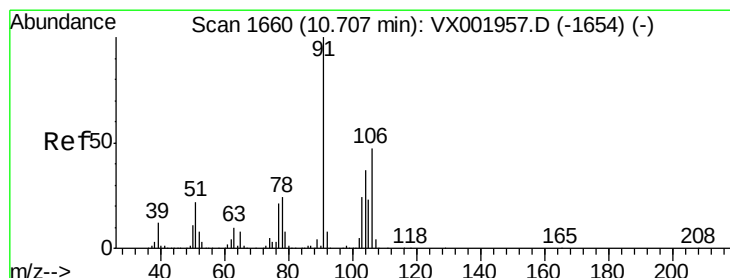
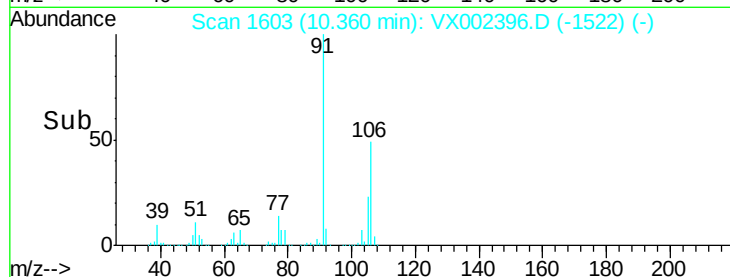
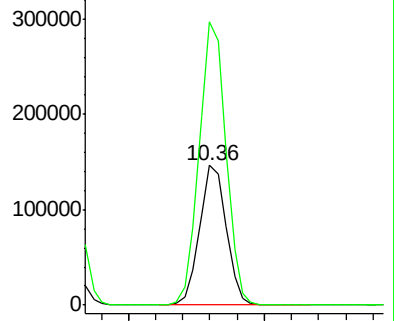
MMDadoda

6/11/2018 9:30:18 AM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 20.14 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX002396.D

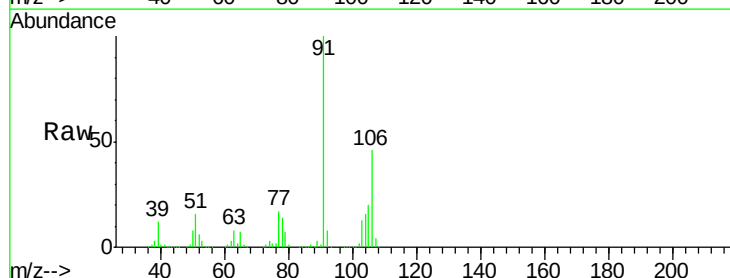
Acq: 08 Jun 2018 12:28

Tgt Ion:106 Resp: 98716

Ion Ratio Lower Upper

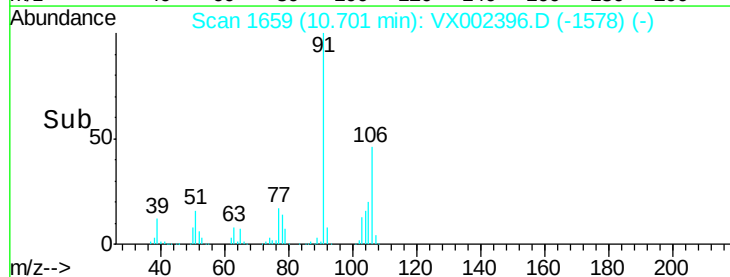
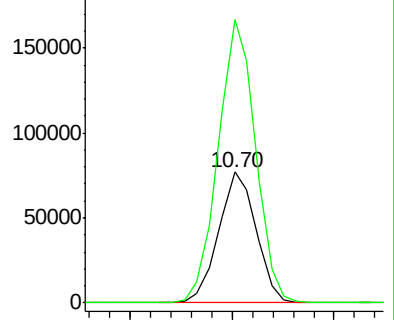
106 100

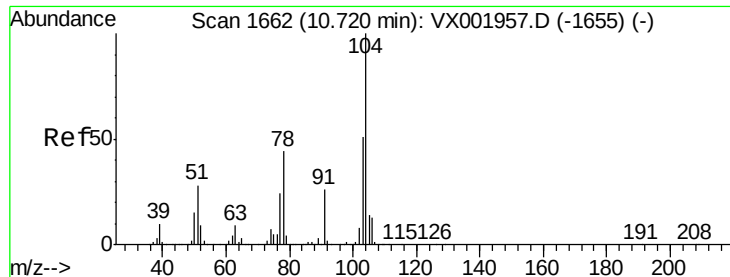
91 214.4 109.1 327.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





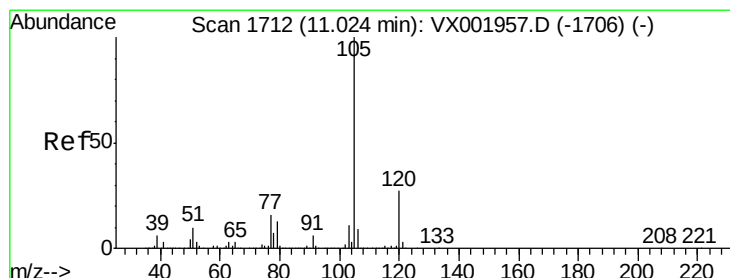
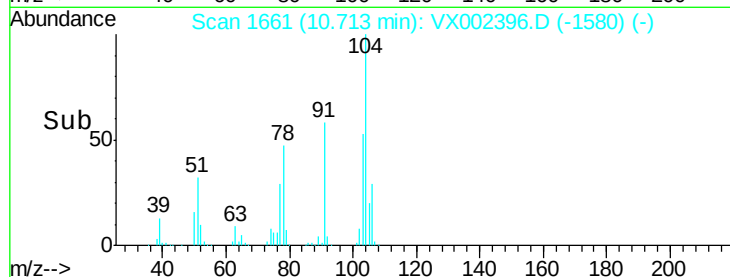
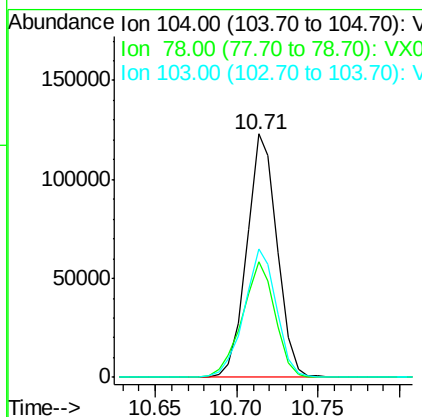
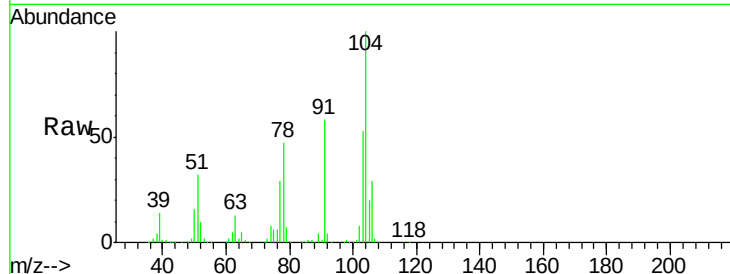
#69
Styrene
 Concen: 19.38 ug/l
 RT: 10.71 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: VX002396.D
 Acq: 08 Jun 2018 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	159473		
78	51.7	41.8	62.8	
103	56.1	44.9	67.3	

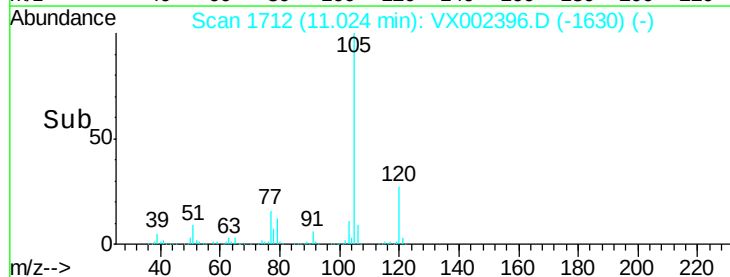
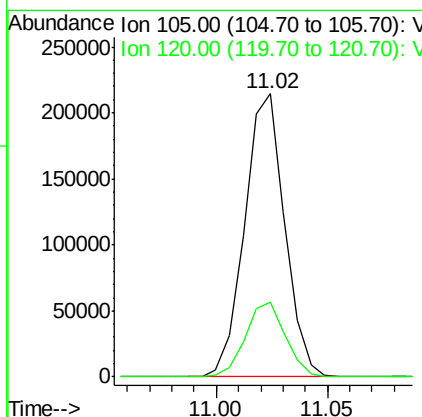
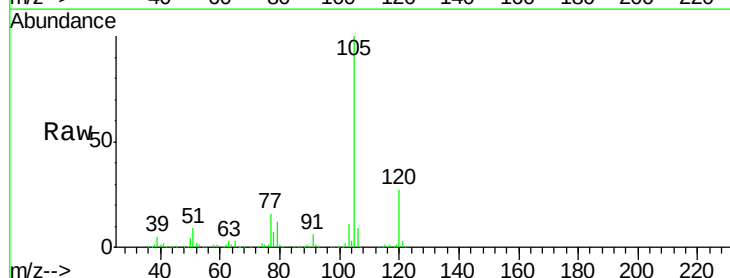
Manual Integrations
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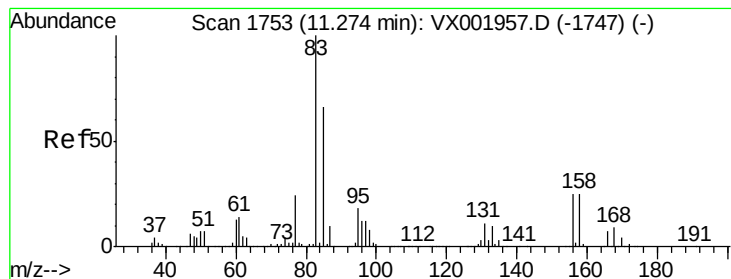
MMDadoda
 6/11/2018 9:30:18 AM



#70
Isopropylbenzene
 Concen: 20.49 ug/l
 RT: 11.02 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: VX002396.D
 Acq: 08 Jun 2018 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	268827		
120	26.4	19.0	35.2	





#71

1,1,2,2-Tetrachloroethane

Concen: 19.61 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002396.D

Acq: 08 Jun 2018 12:28

Instrument :

MSVOA_X

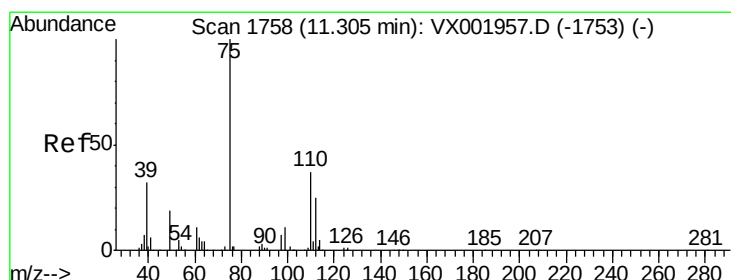
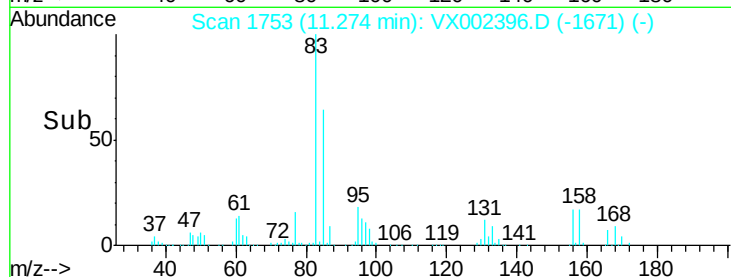
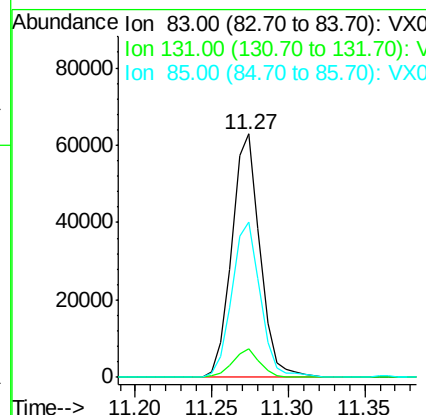
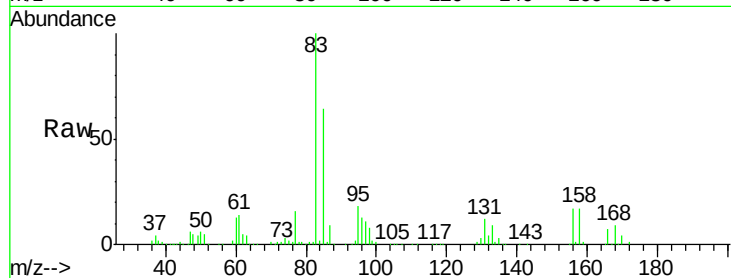
ClientSampleId :

VX0608WBSD01

Tgt Ion:	83	Resp:	80663
Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.4	16.2
85	64.5	32.4	97.2

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#72

1,2,3-Trichloropropane

Concen: 20.51 ug/l m

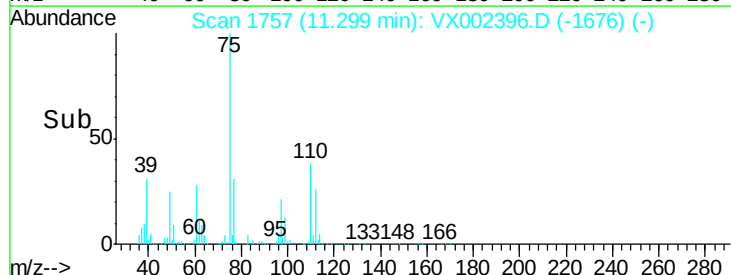
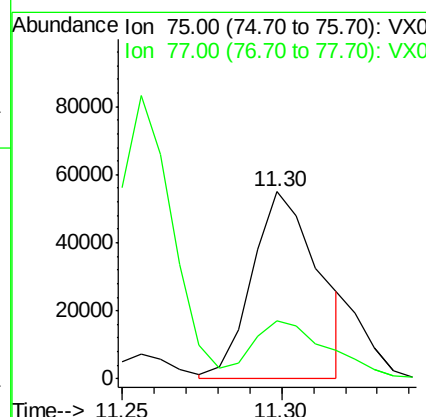
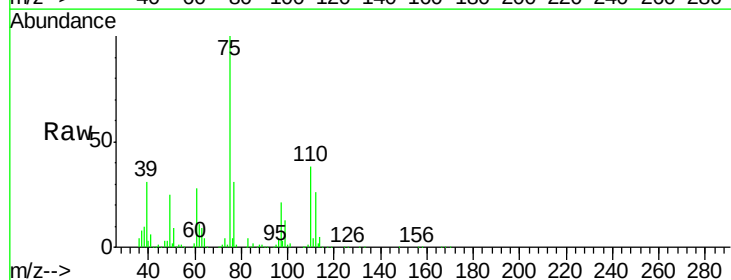
RT: 11.30 min Scan# 1757

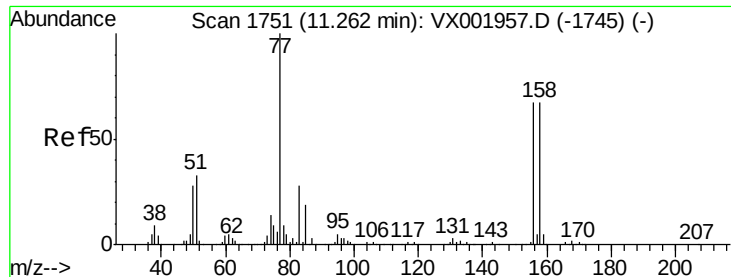
Delta R.T. -0.01 min

Lab File: VX002396.D

Acq: 08 Jun 2018 12:28

Tgt Ion:	75	Resp:	79457
Ion	Ratio	Lower	Upper
75	100		
77	36.5	0.0	71.8





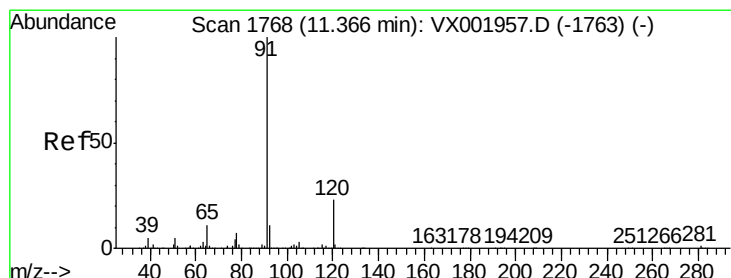
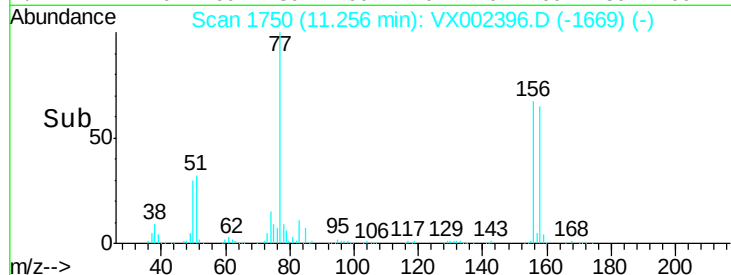
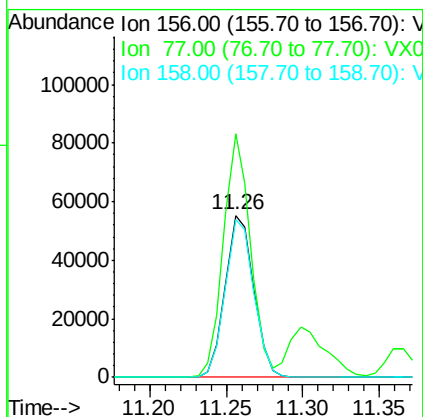
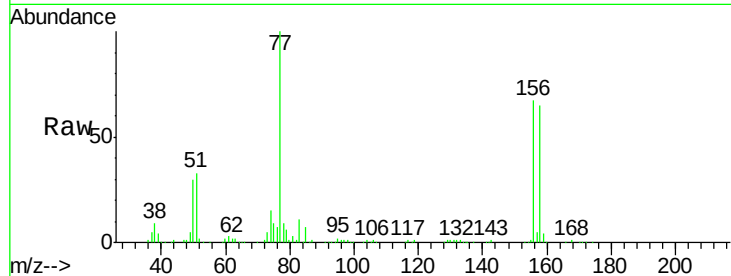
#73
Bromobenzene
Concen: 20.27 ug/l
RT: 11.26 min Scan# 1750
Delta R.T. -0.01 min
Lab File: VX002396.D
Acq: 08 Jun 2018 12:28

Instrument :
MSVOA_X
ClientSampled :
VX0608WBSD01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	142.8	0.0	301.0
158	97.8	0.0	196.2

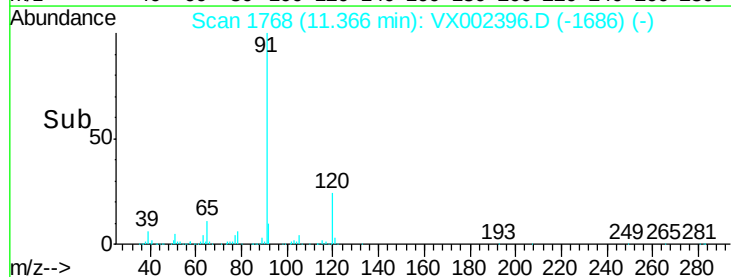
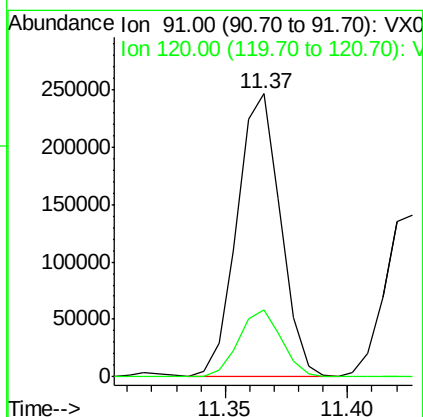
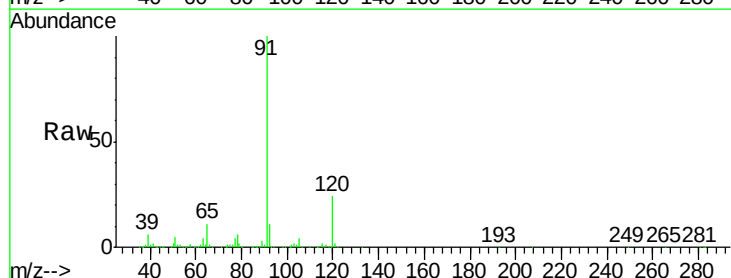
Manual Integrations
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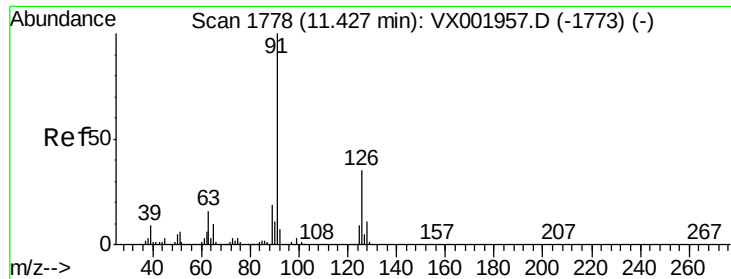
MMDadoda
6/11/2018 9:30:18 AM



#74
n-propylbenzene
Concen: 20.79 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX002396.D
Acq: 08 Jun 2018 12:28

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	0.0	46.2





#75

2-Chlorotoluene

Concen: 20.00 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002396.D

Acq: 08 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBSD01

Tgt Ion: 91 Resp: 180664

Ion Ratio Lower Upper

91 100

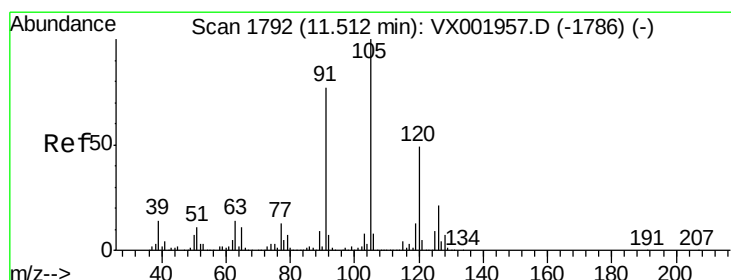
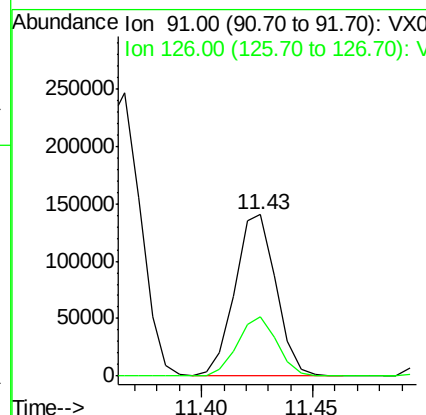
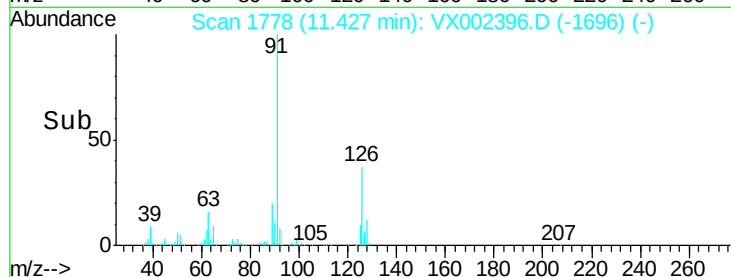
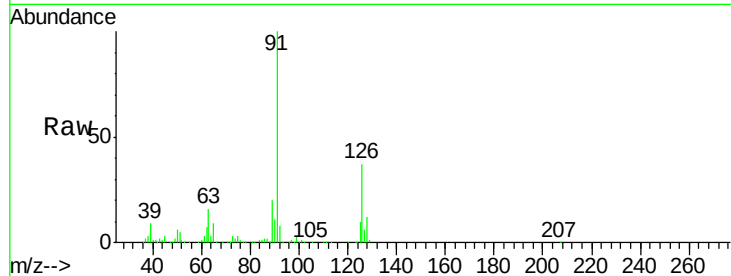
126 35.2 0.0 69.4

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#76

1,3,5-Trimethylbenzene

Concen: 20.36 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002396.D

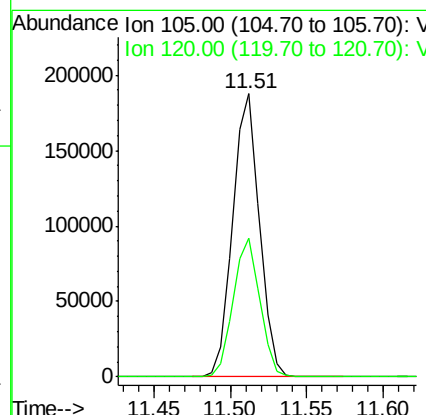
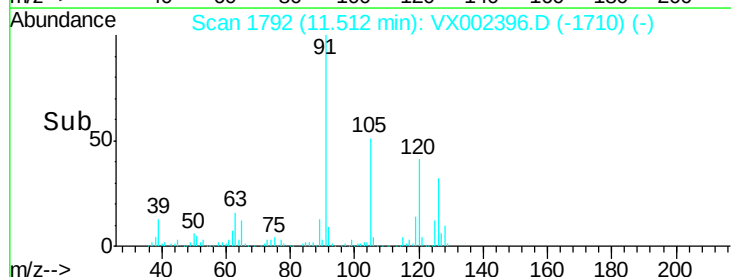
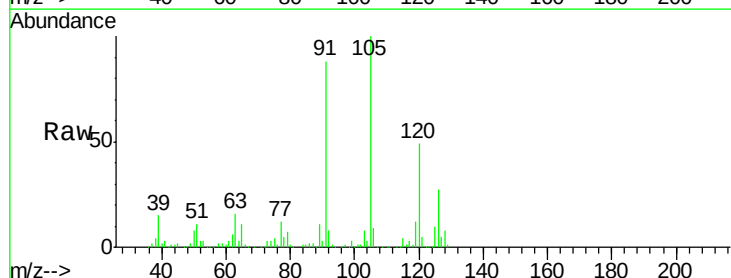
Acq: 08 Jun 2018 12:28

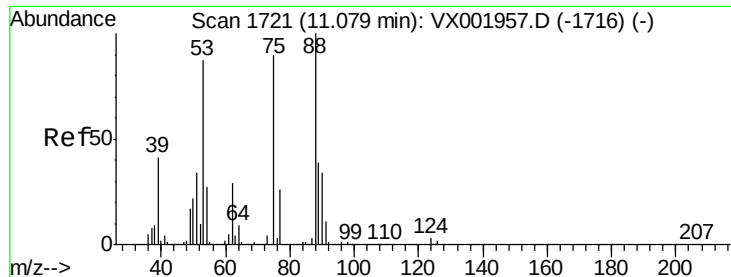
Tgt Ion: 105 Resp: 227143

Ion Ratio Lower Upper

105 100

120 48.7 0.0 96.8





#77

t-1,4-Dichloro-2-butene

Concen: 13.53 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002396.D

Acq: 08 Jun 2018 12:28

Instrument :

MSVOA_X

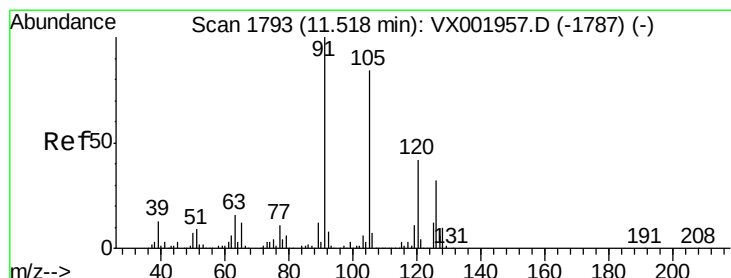
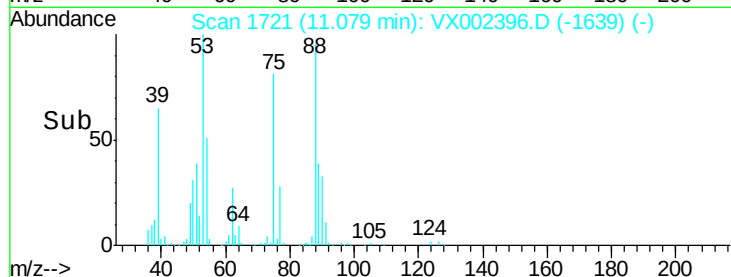
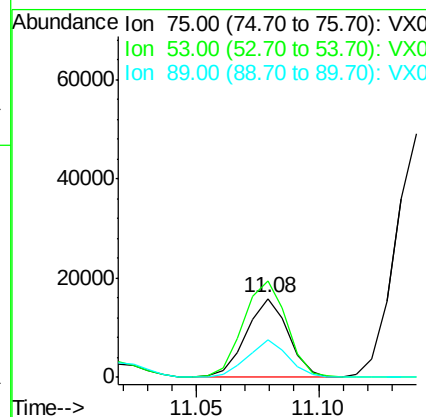
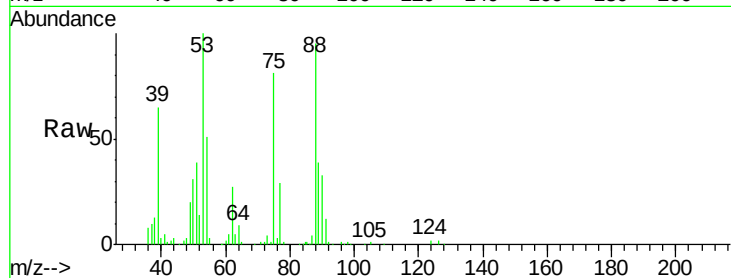
ClientSampleId :

VX0608WBSD01

Tgt Ion:	75	Resp:	18985
Ion	Ratio	Lower	Upper
75	100		
53	123.3	48.3	144.9
89	48.4	21.8	65.4

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#78

4-Chlorotoluene

Concen: 20.38 ug/l

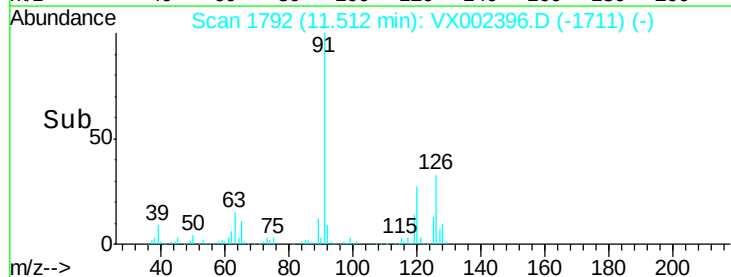
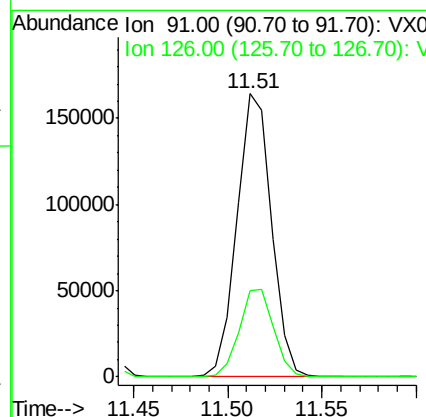
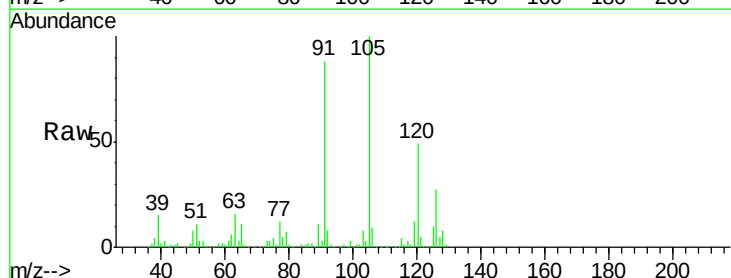
RT: 11.51 min Scan# 1792

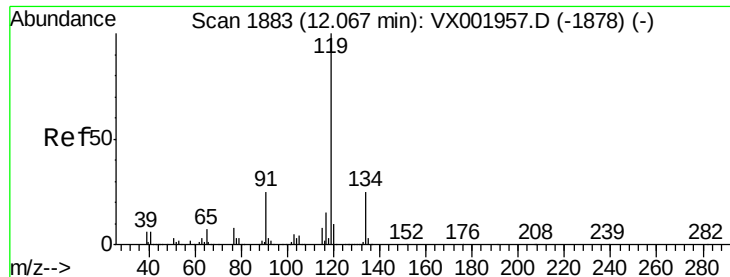
Delta R.T. -0.01 min

Lab File: VX002396.D

Acq: 08 Jun 2018 12:28

Tgt Ion:	91	Resp:	209378
Ion	Ratio	Lower	Upper
91	100		
126	30.8	0.0	61.0





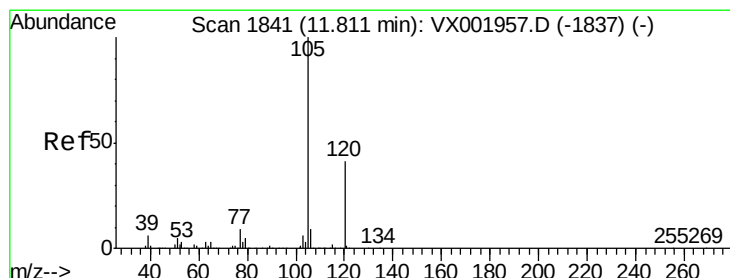
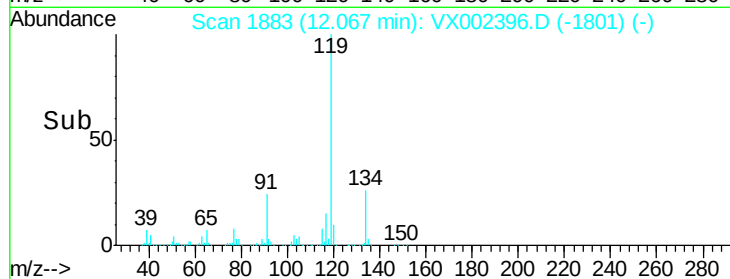
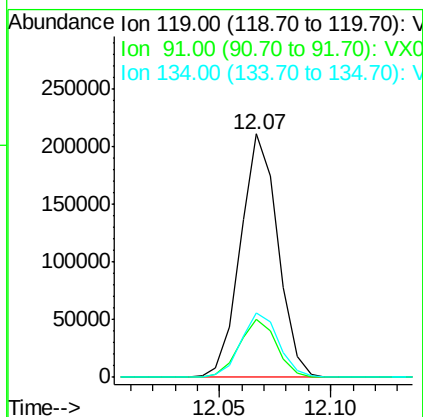
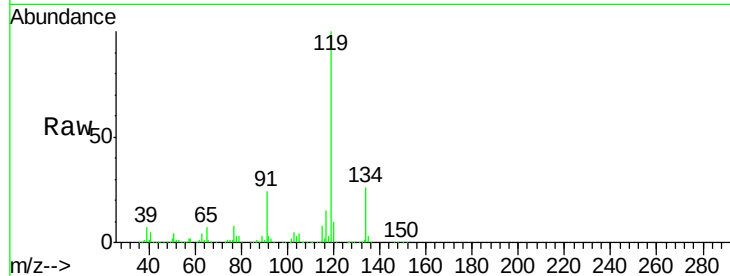
#79
tert-butylbenzene
Concen: 20.98 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX002396.D
Acq: 08 Jun 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBSD01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	24.1	0.0	48.0
134	26.9	0.0	52.6

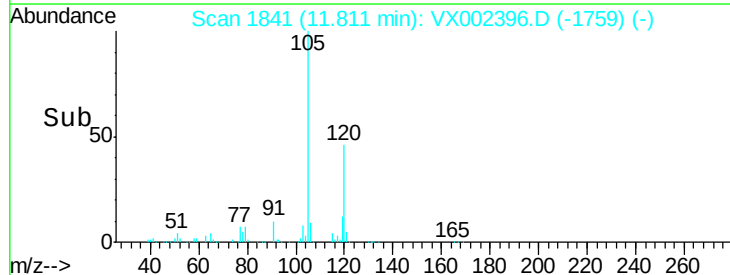
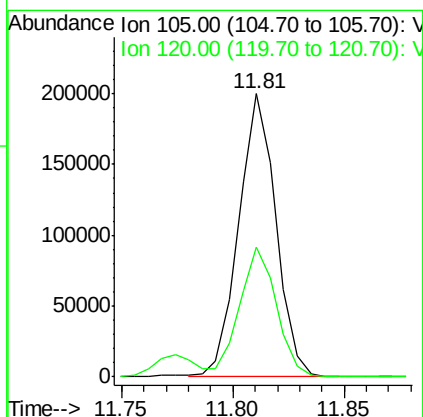
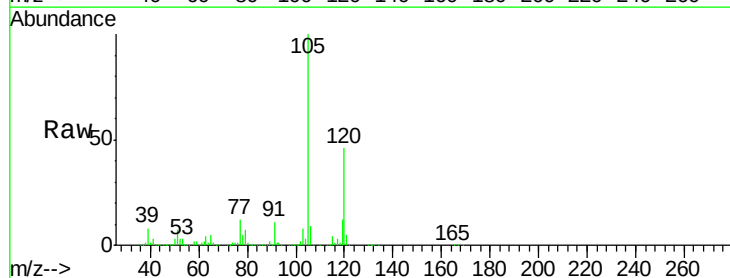
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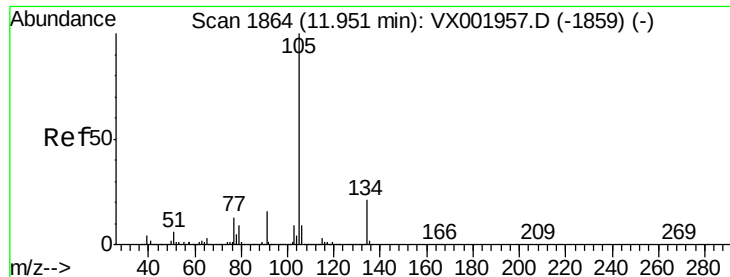
MMDadoda
6/11/2018 9:30:18 AM



#80
1,2,4-Trimethylbenzene
Concen: 20.53 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002396.D
Acq: 08 Jun 2018 12:28

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	0.0	89.2





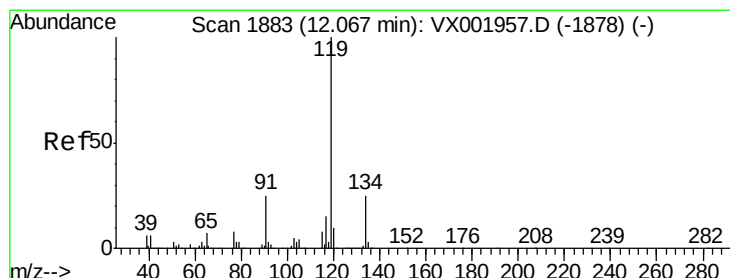
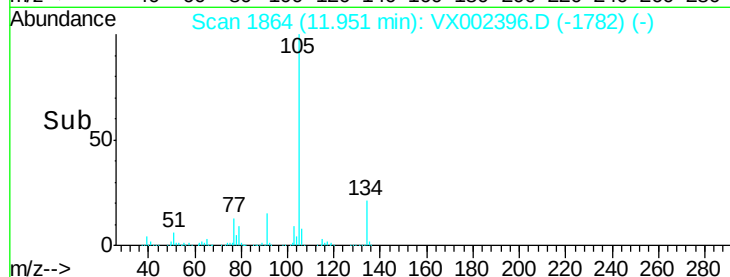
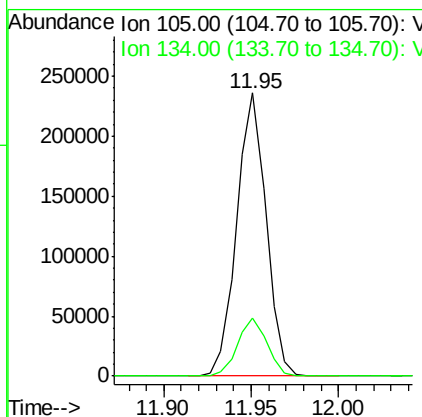
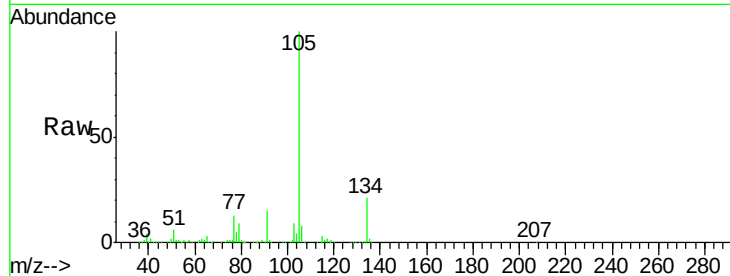
#81
 sec-Butylbenzene
 Concen: 21.09 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002396.D
 Acq: 08 Jun 2018 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBSD01

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.5	0.0	41.6

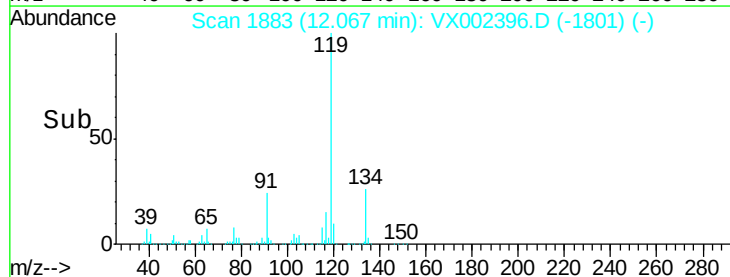
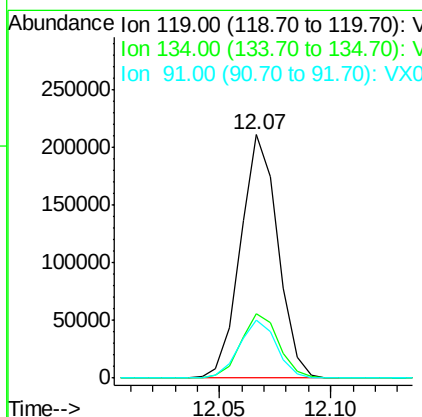
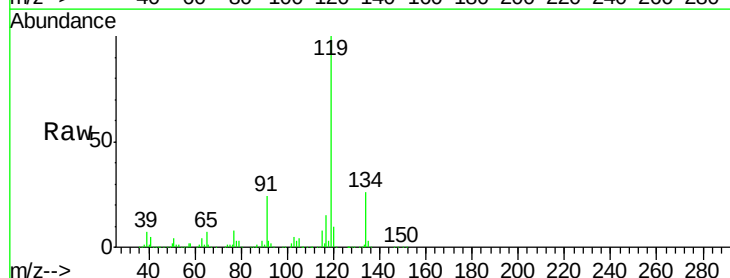
Manual Integrations
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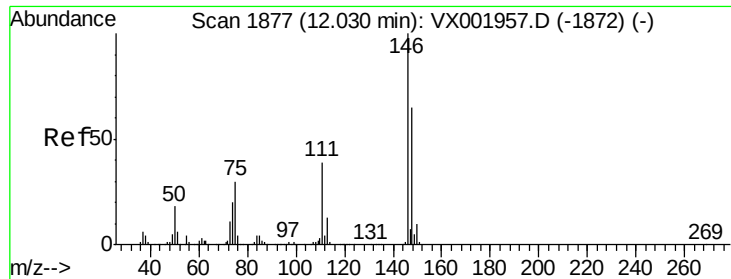
MMDadoda
 6/11/2018 9:30:18 AM



#82
 p-Isopropyltoluene
 Concen: 20.98 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX002396.D
 Acq: 08 Jun 2018 12:28

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	0.0	52.6
91	24.1	0.0	48.0





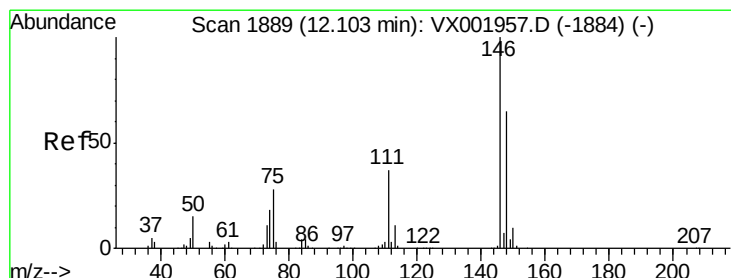
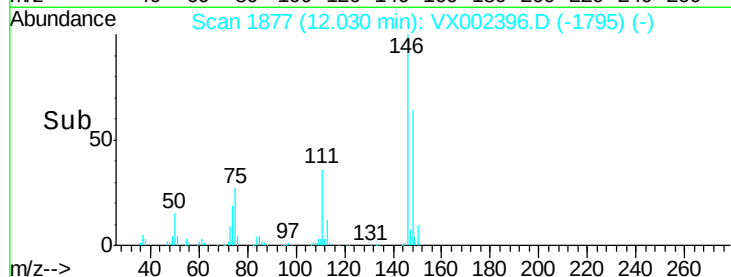
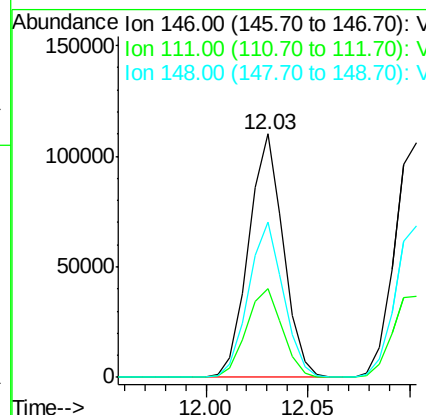
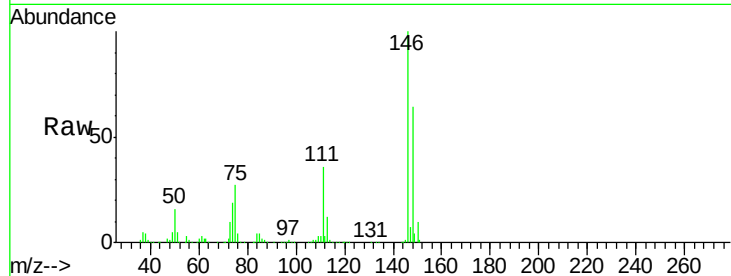
#83
 1,3-Dichlorobenzene
 Concen: 20.82 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002396.D
 Acq: 08 Jun 2018 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.1	57.5
148	64.4	31.9	95.7

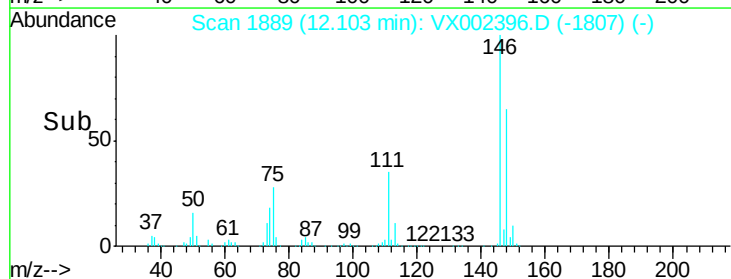
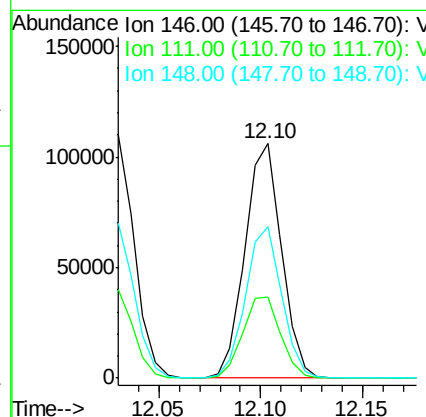
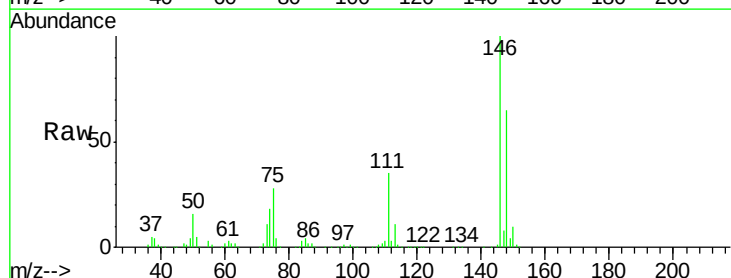
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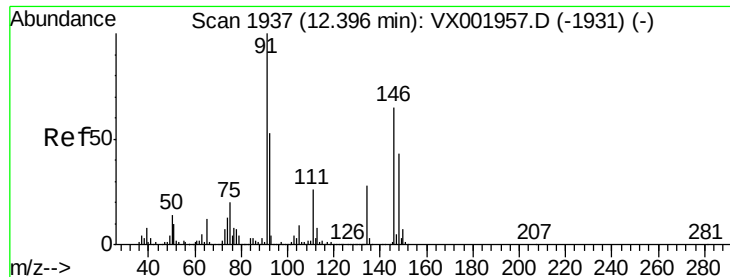
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 6/11/2018 9:30:18 AM



#84
 1,4-Dichlorobenzene
 Concen: 21.27 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002396.D
 Acq: 08 Jun 2018 12:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	18.5	55.5
148	63.8	32.0	96.0





#85

n-Butylbenzene

Concen: 21.59 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VX002396.D

Acq: 08 Jun 2018 12:28

Instrument :

MSVOA_X

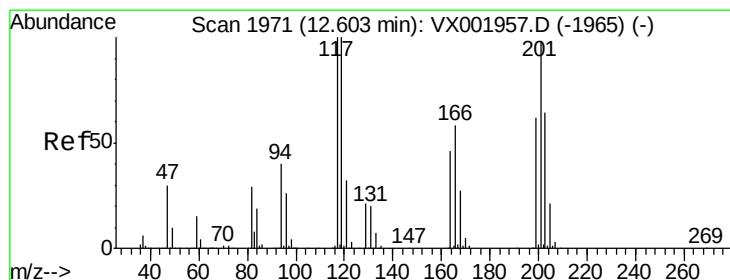
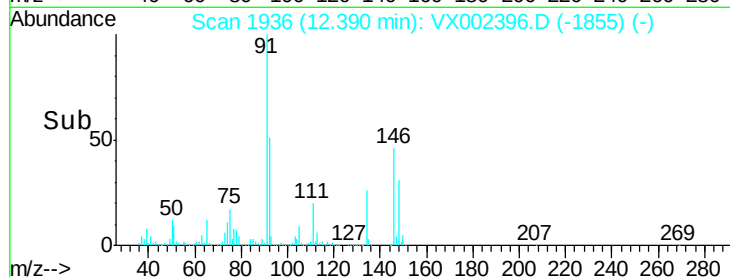
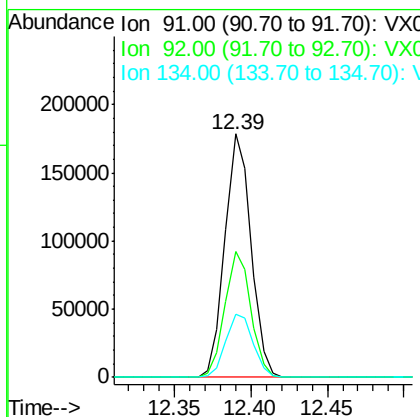
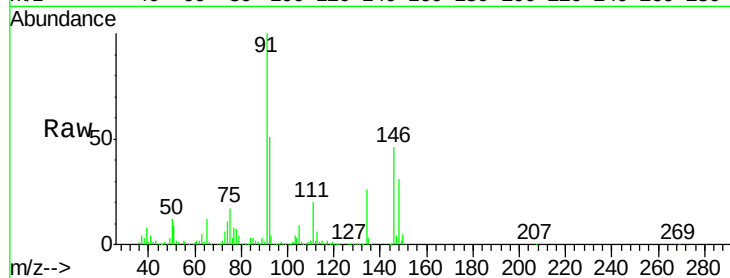
ClientSampleId :

VX0608WBSD01

Tgt Ion:	91	Resp:	211840
Ion	Ratio	Lower	Upper
91	100		
92	51.1	0.0	105.2
134	26.8	0.0	53.2

Manual Integrations
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#86

Hexachloroethane

Concen: 14.41 ug/l

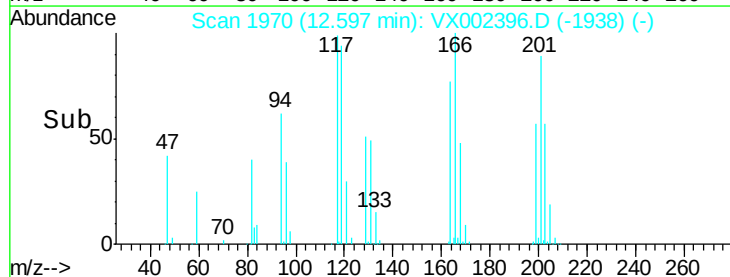
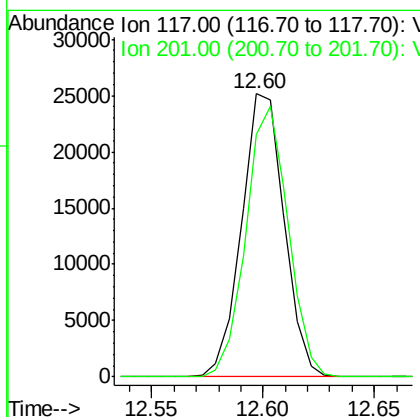
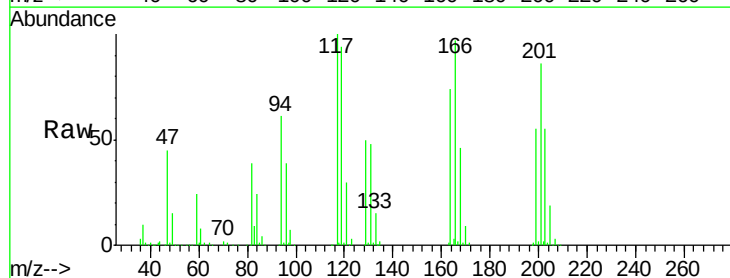
RT: 12.60 min Scan# 1970

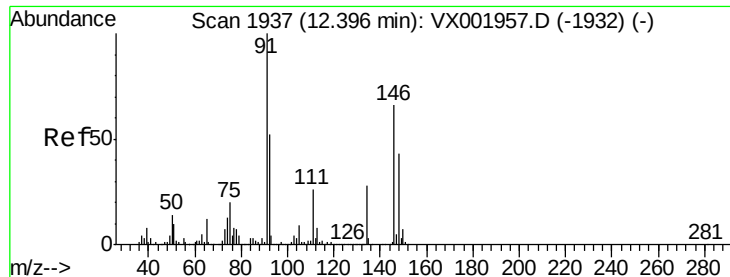
Delta R.T. -0.01 min

Lab File: VX002396.D

Acq: 08 Jun 2018 12:28

Tgt Ion:	117	Resp:	33558
Ion	Ratio	Lower	Upper
117	100		
201	94.5	47.6	142.8





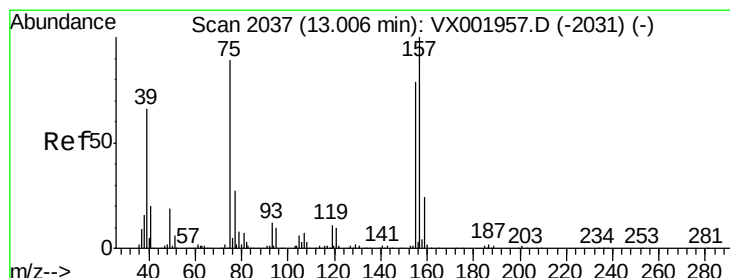
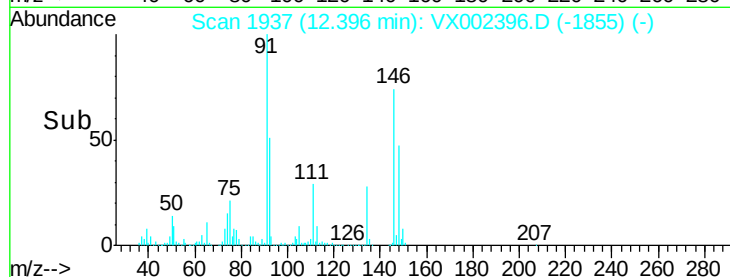
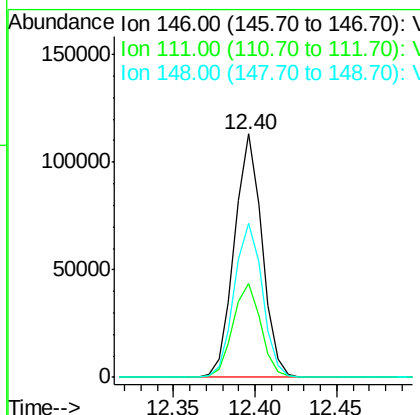
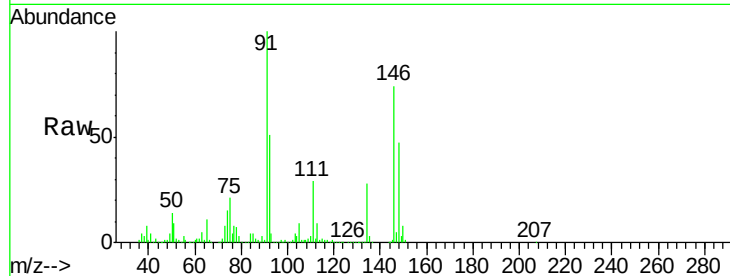
#87
 1,2-Dichlorobenzene
 Concen: 20.76 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002396.D
 Acq: 08 Jun 2018 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	133580		
111	39.1	20.0	59.9	
148	64.7	32.8	98.3	

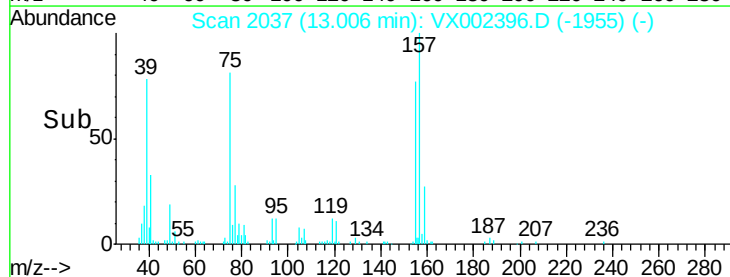
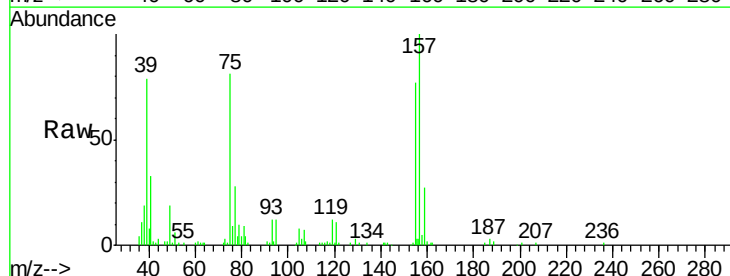
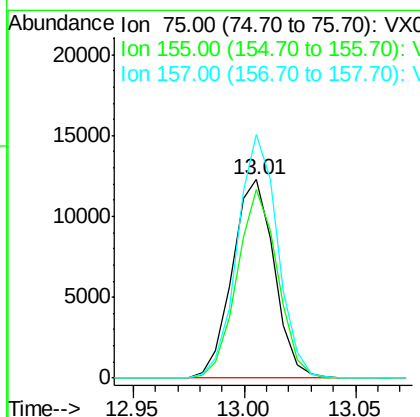
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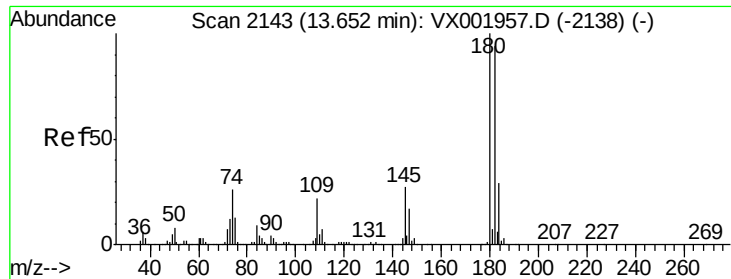
MMDadoda
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 13.49 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002396.D
 Acq: 08 Jun 2018 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	16157		
155	90.9	73.1	109.7	
157	118.1	93.1	139.7	





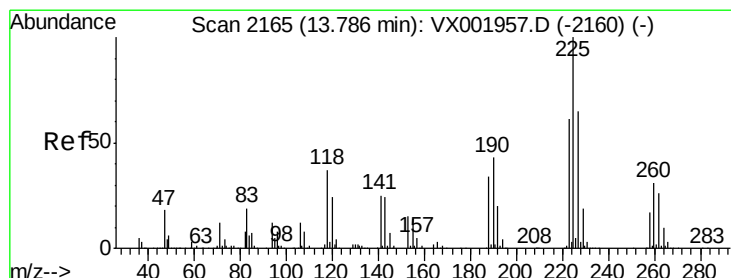
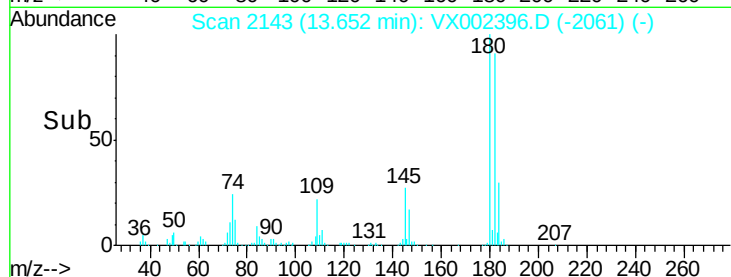
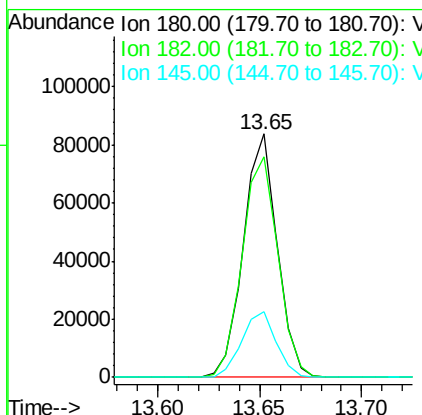
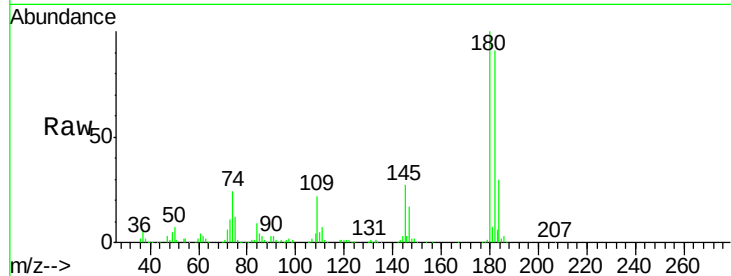
#89
1,2,4-Trichlorobenzene
Concen: 21.15 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. -0.00 min
Lab File: VX002396.D
Acq: 08 Jun 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBSD01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.4	114.6
145	27.8	22.9	34.3

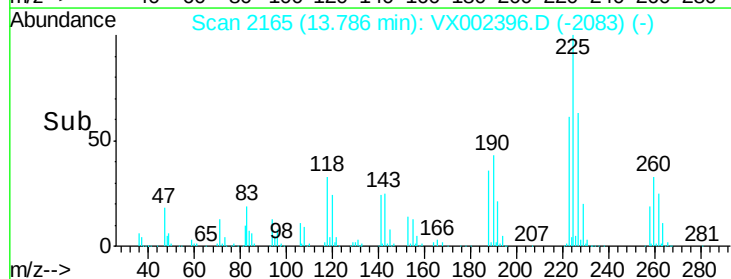
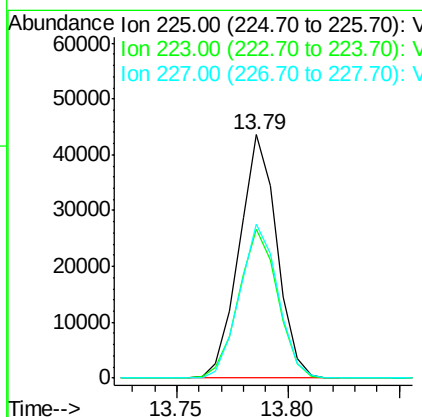
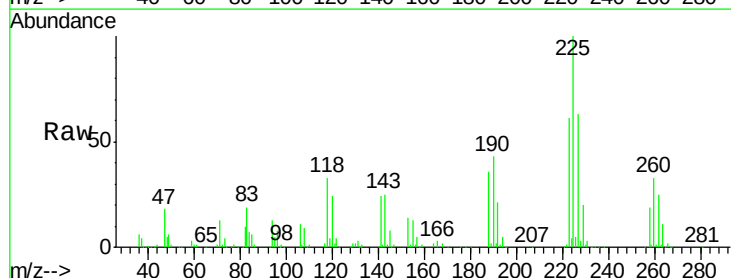
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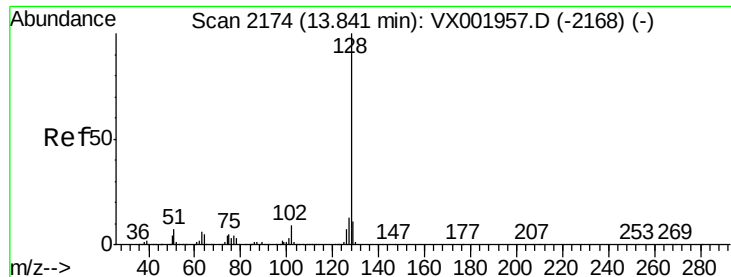
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#90
Hexachlorobutadiene
Concen: 21.16 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. -0.00 min
Lab File: VX002396.D
Acq: 08 Jun 2018 12:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	0.0	122.4
227	64.6	0.0	128.0





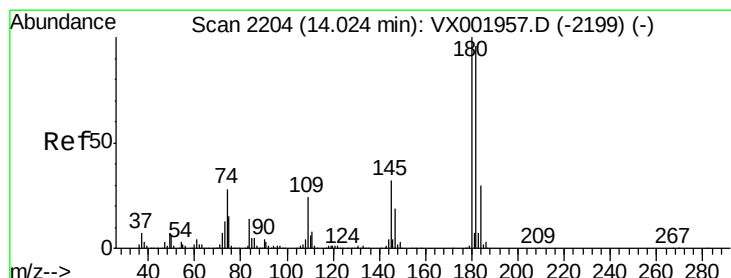
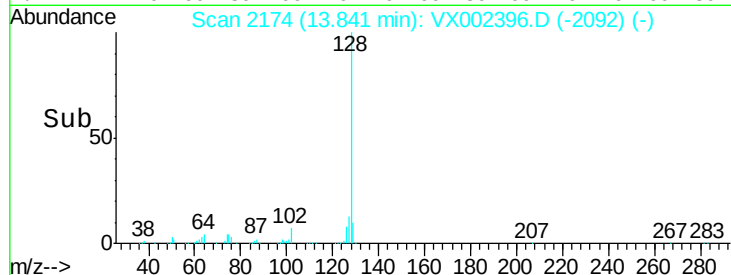
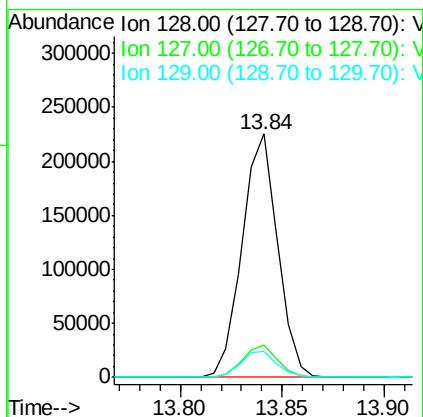
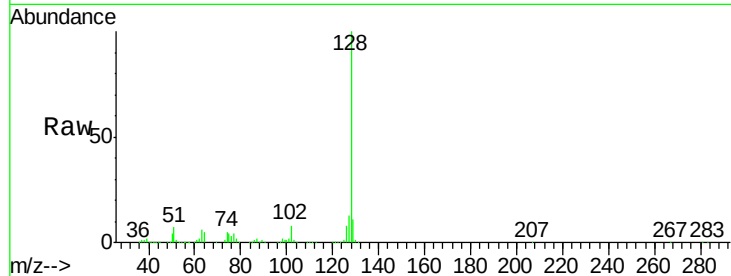
#91
Naphthalene
Concen: 18.95 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002396.D
Acq: 08 Jun 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	273159		
127	13.2	10.3	15.5	
129	11.0	8.9	13.3	

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#92
1,2,3-Trichlorobenzene
Concen: 20.99 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002396.D
Acq: 08 Jun 2018 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	100163		
182	95.0	0.0	191.0	
145	30.1	0.0	60.6	

